

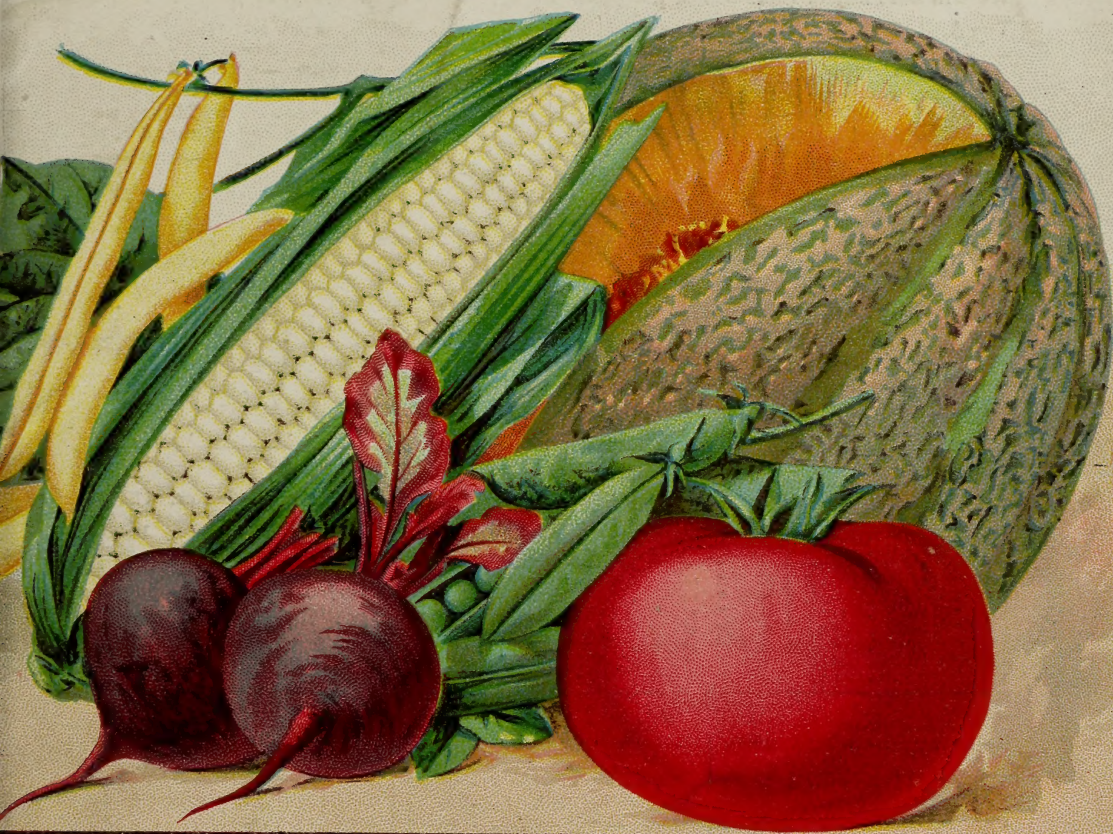
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62.61
Hail H. Tracy, Jr.
F. H. Ebeling

Especially in Agriculture
Washington, D. C.

SEEDS, GARDEN AND FARM SUPPLIES



— 1868 — 1910 —

SYRACUSE, N. Y.

Retail Store 217 Warren St.
Warehouse 538-540 Canal St.

PRICE LIST

RAFFIA, REED AND SWEET GRASS.

REED.

No.	00 Reed.....	per lb.	\$1.50	per oz.	15c
1	"	"	1.00	"	10c
2	"	"	1.00	"	10c
3	"	"	1.00	"	10c
4	"	"	.75	"	10c
5	"	"	.75	"	10c

RAFFIA.

Natural.....	per lb.	.25	per oz.	5c
Colored—in 8 shades	"	.65	"	10c
SWEET GRASS....	"	\$2 50	"	20c

Books of instruction on Raffia work and Basketry Illustrated mailed on receipt of 40c.
Mail and Express Orders given Prompt Attention.

BOOKS--IT PAYS TO READ--BOOKS.

We will send any of these books, postpaid, to any address upon receipt of prices annexed

The A. B. C. of Agriculture—60 cents.
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Gregory on Cabbages—50 cents.
Cauliflower and Cabbage Seed to Harvest—By Charles L. Allen. 50 cents
Celery Culture—By J. C. Vaughan. 75 cents
Dairy for Profit—Illustrated. 50 cents.
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A B C Potato Culture—50 cents.
Silos, Ensilage and Silage—Cloth, 50 cents.
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999 Questions and Answers. Latest and best book on Poultry Raising 1.00
Reliable Poultry Remedies. How to Prevent and Cure Diseases. .50
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500 Questions and Answers in Poultry Raising. .50

USEFUL TABLES.

Of Plants per Acre at the following distances apart.

1 ft. by 1 ft.	43,560	6 ft by 6 ft.	1,210
1½ " 1½ ft.	19,360	8 " 8 ft.	680
2 " 1 ft.	21,780	9 " 9 ft.	537
2 " 2 ft.	10,898	10 " 10 ft.	435
2½ " 2½ ft.	6,969	12 " 12 ft.	302
3 " 1 ft.	14,520	15 " 15 ft.	193
3 " 2 ft.	7,260	18 " 18 ft.	134
3 " 3 ft.	4,840	20 " 20 ft.	103
4 " 4 ft.	2,722	25 " 25 ft.	70
5 " 5 ft.	1,742	30 " 30 ft.	48

Number of Plants Produced from 1 oz. of Seed.

Plants	Plants
Asparagus about 500	Kale . . about 2,000
Broccoli . " 2,000	Leek . . " 1,000
Cabbage . " 3,000	Lettuce . " 3,000
Cauliflower " 4,000	Pepper . " 2,000
Celery . . " 4,000	Sage . . " 1,000
Egg Plant " 1,000	Tomato . " 3,000
Endive . . " 3,000	Thyme . . " 5,000

SEED SOWN PER ACRE.

Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu
Timothy, ¼ to ½ bu . . .	44 lbs	Millet, ½ to ¾ bu . . .	50 lbs	Dwarf Essex Rape, . . .	5 lbs
Lucerne, or Alfalfa, 30 lbs	60 lbs	Hungarian, ½ to ¾ bu . .	48 lbs	Peas, 2½ bu	60 lbs
Clover, Red, 10 to 15 lbs .	60 lbs	Wheat, 2 bu	60 lbs	Beans, 1 bu	62 lbs
Clover, Alsike, 5 to 10 lbs	60 lbs	Buckwheat, ¾ to 1 bu	48 to 50 lbs	Pumpkin Seed, 2 qt . .	27 lbs
Clover, Crimson, 15 lbs .	60 lbs	Rye, 1 to 2 bu	56 lbs	Turnip, 1 lb	
Cow Peas, 60 lbs	60 lbs	Oats, 2 to 3 bu	32 lbs	Spinach, 8 lbs	42 lbs
Red Top, 2 to 2½ bu . . .	14 lbs	Oats, Winter, 1¾ bu . . .	32 lbs	Beet, 4 to 6 lbs	
Blue Grass, 2 bu	14 lbs	Barley, 2 bu	48 lbs	Squash, 2½ lbs per acre .	
Orchard Grass, 2 bu . . .	14 lbs	Flax Seed, 1 bu	56 lbs	Parsnips, 3 to 4 lbs . . .	
Yellow Sand Clover, 15 lbs	60 lbs	Corn, ¼ bu	56 to 60 lbs	Cabbage, ¼ lb	
White Clover, 6 to 10 lbs .	60 lbs	Potatoes, 6 bu	62 lbs	Cucumber, 1 lb	
Sweet Vernal, 1 to 1½ bu .	11 lbs	Potato Corn, ¼ bu	about 45 lbs	Carrot, 2½ to 3 lbs . . .	20 lbs
				Onion, 5 to 6 lbs	56 lbs

NON-WARRANTY.—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

1868---Forty Second Anniversary Number Ebeling's Seed Book---1910.

THE RECORD of Forty-two Years continuously successful business, and that in the same building in which it was begun, is one to which we point with justifiable pride. Established in 1868, by Mr. A. D. Perry, the pioneer seedsman of Syracuse, and continued by the undersigned, the history of the business has been one of steady growth and progress. As each year's business has added to our fund of experience, facilities, such as the erection of our large warehouse at the corner of Canal and Forman streets, with a track from the New York Central directly in front and the Erie canal at the rear, have been added, we have held unwaveringly to the policy of "the best quality only," inaugurated by the founder.

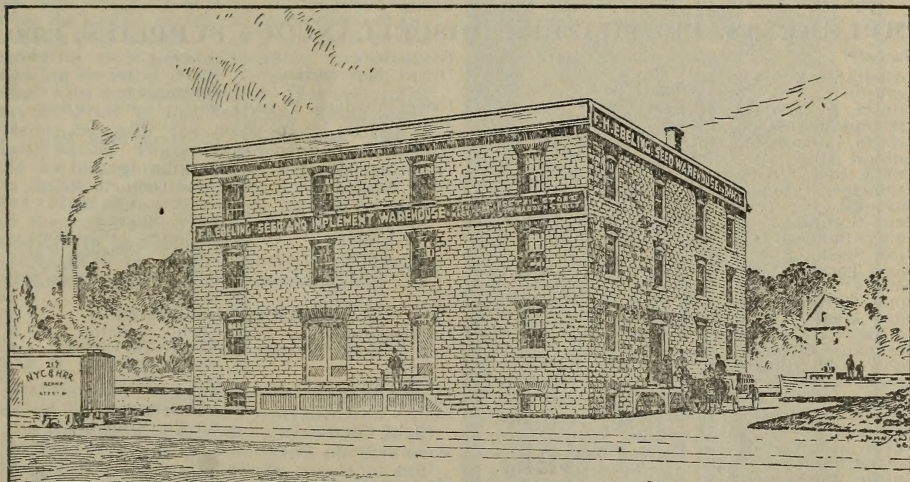
We are importers of the best Flower and Garden Seeds, Bulbs, Etc., dealing also in the varieties best adapted to the garden and farms of this climate. We also handle farm implements, machinery, drain tile, hardware, paint, etc. In short, everything for the farm, garden, greenhouse, lawn, dairy and poultry yard.

We wish to thank all who have contributed to this record of forty-two years, and beg to say we deeply appreciate your generous patronage and hope for its continuation during this, our Forty Second Anniversary year.

January, 1910.

Yours sincerely,

F. H. EBELING.



**F. H. EBELING'S SEED AND IMPLEMENT WAREHOUSE,
538 and 540 Canal St. RETAIL STORE, 217 Warren St.**

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IOWA GOLD MINE ENSILAGE CORN.

The Deepest Grained, Purest Yellow Corn in Existence. The Corn that has put Thousands of Good Gold Dollars into the pockets of our farmers and dairymen.

The Iowa Gold Mine Corn is giving such eminent satisfaction that we again give it the place of honor in the corn family. It puts **gold dollars** in the pockets of all who use it. I can only repeat what I said about it in 1908.

This magnificent variety of corn will grow 14 feet high and matures with our field varieties. It has the largest kernel and smallest cob of any Ensilage Corn known. The grain value of this wonderful variety is about double that of the Leaming or Pride of the North with their immense cobs and small kernels. It is everything that the Pride of the North and Leaming can possibly be, with the great grain producing quality added. There you have it in a nut-shell. It is the biggest milk and money producer on the American continent. We have decided to offer it this season on the ear also, as many of our farmers have expressed a desire for it. Sample ears on application.

Price, \$2.00 per bushel, shelled; in bushel crates on the ear, carefully selected, \$3.00.

LAUREL FARM.

Hamilton, N. Y., Nov. 11, 1909.

Mr. F. H. Ebeling:

Dear Sir—Enclosed you will find check in payment of my account with you.

The seeds again gave good satisfaction. Iowa Gold Mine Corn was especially fine. It gave an immense crop. The stalks were very thick and leaved close to the ground, and the leaves were very wide and long. There was also a great amount of ears, which were well matured. I have a round silo 18x24 full of the best ensilage I have ever raised. With best wishes, I am,

Yours very truly,
J. GRANT MORSE.

LUCY'S FAVORITE DENT FIELD CORN

This variety contains the best there is in the Western Dent and Eastern Flint.

Stalks are tall, slender and contain many wide leaves. A long ear with small cob filled with large, broad, dented kernels, thus combining all the good points to be found in the parent stock.

This corn was grown in Onondaga County and is thoroughly acclimated. It may be planted as late as May 25th and will ripen with our ordinary State Flint sorts.

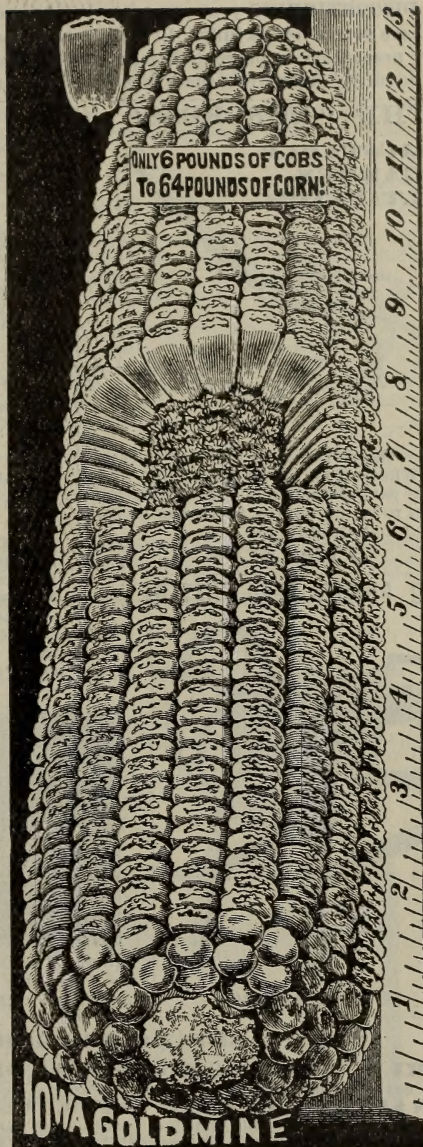
Note what a prominent Onondaga county farmer says of it:

"I planted Lucy's Favorite Dent Corn on May 24th in well prepared ground and fairly well cultivated and cared for. This healthy and rapid growth was a source of pride and satisfaction to myself and to all that saw it. The stalks are slender, with an abundance of extra wide leaves, and attained a growth of from ten to eleven feet on the average. The corn was all ready for harvesting September 5th, if wanted for ordinary crib corn, but being such a splendid crop I allowed it to stand until September 20th for more perfect ripening.

"It yielded ninety-five bushels to the acre, with practically no soft corn at all.

"The ears are of unusual length and the cob exceedingly small. In fact, this corn is the most profitable and satisfactory of any that I have ever grown."

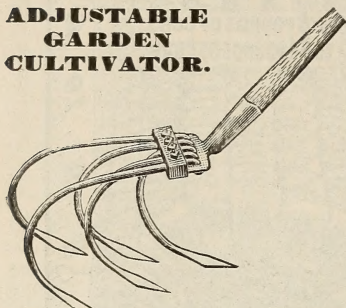
Price, \$2.50 per bushel.



IF DISCONTINUING your patronage has been caused by any fault on our part we will be glad to have you advise us fully. In a business as large as ours and with so much detail, while we use every precaution to prevent them, errors and mistakes are possible. We are always willing and glad to rectify and correct these in case our attention is called to them.

THE "NORCROSS"

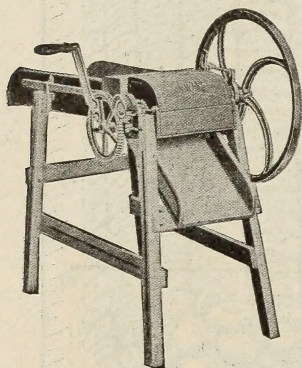
ADJUSTABLE GARDEN CULTIVATOR.



"Does the work easier and faster than any Wheel Hoe. It is adjustable and every part detachable. It works between rows, or centre tooth can be removed and straddle the row.

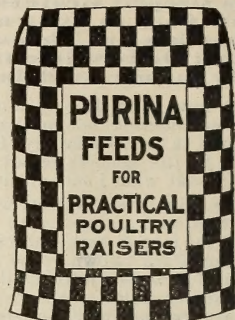
Price \$1.25.

HAND POWER FEED CUTTER



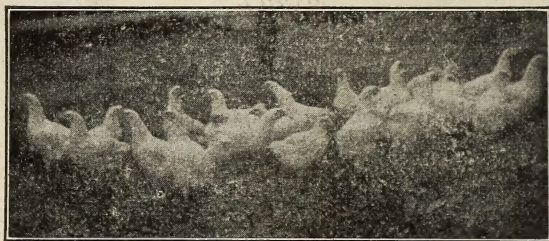
Price, \$12.00

These Feeds come in scratch and chick food form, put up in sacks as shown in cut. It is composed of the best that should go into such feed, and in correct proportions. We receive this in car load lots and guarantee price and quality.



Ant and Roach Killer.

Put up in a patent "Handy Blower" ready for action. This powder is non-poisonous to human beings, but fatal to most crawling household pests. By means of the "Handy Blower" (patent applied for) the Destroyer may be made to reach their breeding places. One-fourth lb. in "Handy Blower," 25c; mail, 10c additional; 5 lb. box, \$1.75 each; 10 lb. box, \$3.25 each.



We are HEADQUARTERS for everything in the Poultry Supply Line. We buy in car load lots and can supply quantity and quality, and right prices.

SOME SPECIALLY GOOD THINGS FOR 1910.

EARLY WHITE OHIO POTATOES. Something new. The very earliest of all early sorts. (See page 19.)

CANADIAN CLUSTER OATS. A new, fine, large Oat. Strong straw, heavy yielder. Showed remarkable yielding qualities the past season. (For particulars see page 6.)

POULTRY AND RABBIT FENCE. Something new. Equally good for poultry and stock. (See pages 60 and 61.)

KOW KURE. Invaluable to all dairymen. (See page 57.)

IOWA GOLD MINE ENSILAGE CORN. Farmer's friend and money maker. (Page 3.)

CHAMPION POTATO DIGGER. The wonderful success of 1909. We received the past season over three car loads of these. They lead all others. (See page 48.)

NITRATE OF SODA. For increasing the hay crop. (See page 5.)

SANITARY MILK PAIL. Something strictly sanitary. Unique, new and practical. The State Inspectors have approved it. (See page 6.)

JAPANESE OR BARNYARD MILLET (*Panicum Crus Galli*). This wonderful and valuable forage plant was introduced into this country by Prof. Brooks of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States. Pound, 25c; 3 lbs, 60c, postpaid. By express or freight, 100 lbs, \$8.00. (See page 21)

CYCLOPE ROLLER AND PULVERIZER. A fine, new, money and labor saver. Best Roller made for all purposes.

FARM WAGONS. The "Bettendorf," all steel gear, complete wagon. Also farm trucks. (See page 55.)

LEMON CUCUMBER. Something new and good. (See page 19.)

New Burpee=Improved Bush Lima.

Earliest, largest and the best of all of all Large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any Limas ever known before.

THE BURPEE-IMPROVED is a distinct "New Creation" and not merely an improved selection made by man. It shows a most remarkable advance and its discovery is of incalculable value to American horticulture.

It differs from the best strains of Burpee's Bush Lima in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The stiffly erect, upright bushes are more vigorous in growth, with heavier foliage. Full-grown bushes measure from twenty to thirty inches in height and twenty-four inches across the top.

THE BURPEE-IMPROVED produces magnificent crops of pods which measure from five to six inches long by one and one-quarter inches wide. The blossom-bearing stalks are thrown well out from the foliage and the pods are borne in what might be called "clusters" of from five to eight. As compared with Burpee's Bush Lima both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Even when of full size the enormous beans are of the most luscious flavor; they are thin skinned and truly delicious.

THE BURPEE-IMPROVED is fully eight to ten days earlier than any other large Lima, either bush or pole. This one feature alone would suffice quickly to make it the most popular of all large Limas. We have tested all varieties—both bush and pole—and know whereof we speak.

THE BURPEE-IMPROVED BUSH LIMA will outyield Burpee's Bush Lima by fully one-third. This greater yield is due to the increased size of both pod and beans, and they are pure white.

Per pkt, 10; per 1-2 pint, 25c; per pint, 40c; per quart, 75c; per 1 8 bushel, \$2.00.

GERMAN WINTER RYE--IMPORTED FROM GERMANY.

This remarkable rye grows to unusual height. The straw is heavy, very tall and produces about double that of the ordinary kind. The kernels are fully a third larger and of remarkable vitality. Mr. Charles M. Crouse sowed a field of the rye on the David Harum farm, Homer, N. Y., just before the winter set in and produced a remarkable crop of straw and rye. We claim for it wonderful vitality, BIGNESS OF KERNEL, GREATER production of STRAW and GRAIN—in short, a rye that will produce almost double over the ordinary kind.

PRICE, \$3.50 per bushel.

No Nitrate of Soda used on this field.



Nitrate of Soda was used on this field.

Nitrate of Soda Makes GIANT HAY CROPS.

An average increase of 2775 pounds per acre of field cured hay was shown in 11 actual tests where Nitrate of Soda was used. Tests were made from Nova Scotia to Missouri, and

only 100 pounds of Nitrate of Soda was used per acre. Compare increase with cost of this great fertilizer. Compare fields shown in above actual reproduced photograph. Nitrate of Soda is best and cheapest Nitrogenous fertilizer with which to furnish nitrogen to plants.

Price per 100, \$3.85.

"GRASS GROWING FOR PROFIT."

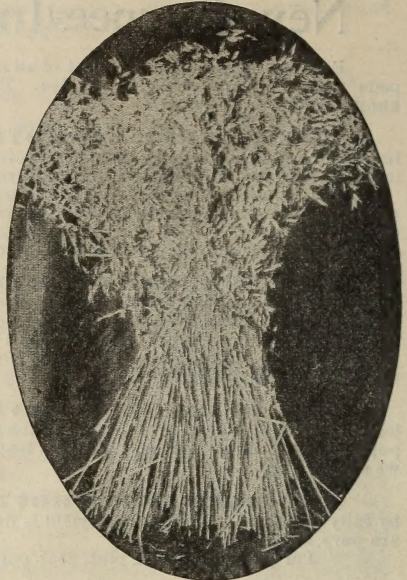
And other valuable information about NITRATE OF SODA and what it is doing for farmers everywhere will be mailed free to farmers on application. Send address on post card.

CANADIAN CLUSTER OATS.

This wonderful variety was imported by us several years ago and has proven itself to be the most valuable and best of all the sorts we have introduced in recent years, in fact, so much so that we have placed the Canadian Cluster Oats at the head of all Oats for their real money value to the farmer. We have secured a large crop for seed which were grown in this county and which yielded heavily and weighed 37 pounds to the measured bushel. For a season like that of 1909 this is most remarkable and shows its robust strength and big commercial value.

Straw 4 to 5 feet tall, many heads 8 to 11 inches, do not rust, stand up well, plump meats. The great root development is one of the characteristics of the Canadian Cluster which enables the plant to resist the drouth better than any other variety tested. Straw is coarse and is noted for its stiffness and power to withstand lodging. The following are some of the reasons why these Oats are the best: They are of the heaviest, 36 to 40 pounds per measured bushel. Stiffness of the straw. Pure white heads large, upright and bushy. Thin hull, nearly all meat, Will yield eighty bushels to the acre.

Price \$1.50 per bushel.



CANADIAN CLUSTER OATS.

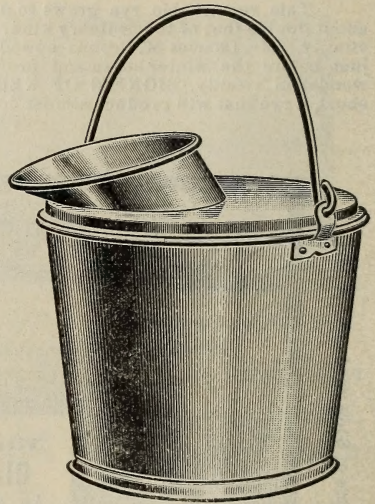
BEARDLESS BARLEY.

It is a fine yielder, strong growth of straw without the objectionable beards, which gives it a superior feeding value. These features make it the best and most profitable Barley known. It was introduced by us several years ago, and has proved to be very popular.

Price \$1.50 per bushel.



SANITARY MILK PAIL.



BOSTWICK'S PATENT.

The most practical Sanitary Milk Pail on the market.

Prevents 90 per cent. of the dirt that would naturally fall into an open pail from coming in contact with the milk, and the small amount of dirt that falls in the receiving funnel is caught in the lower part of the receivable cup which contains the strainer, thus preventing any dirt from passing into the pail.

It is easy to milk into, will not spatter, is easy to clean.

The pail and cover are made of the best quality charcoal tin, and all seams are soldered smooth on the outside and inside. It is strictly sanitary in every sense of the word.

\$1.25 each. Special price in dozen lots.



Medal awarded to F. H. Ebbling for his choice collection of seeds at St. Louis by the Louisiana Purchase Exposition.

FARMOGERM.

High-Bred Nitrogen Fixing Bacteria.

The use of Farmogerm High Bred Nitrogen Gathering Bacteria on the seeds of peas, beans, clovers, alfalfa and all other legumes means an earlier and bigger crop and a large amount of nitrates added to the soil to benefit future crops of other kinds.

Farmogerm is now used by thousands of practical farmers throughout the entire civilized world.

The best mixed stable manure contains one-half of one per cent. of nitrogen. Farmogerm will produce nodules upon roots of legumes which contain eight per cent. of nitrogen or sixteen times the amount that manure contains, and you save the labor of hauling, etc.

FARMOGERM POINTERS.

The fertilizing sensation of the year. Bacteria produces nodules on the roots of legumes such as peas, beans, clovers, etc. The nodules are eight per cent. pure nitrates. Bacteria make nodules; nodules mean nitrates; nitrates mean big crops. All ready to use simply by moistening the seeds before planting. Thirty dollars worth of nitrates for two dollars.

Wm. Hanna Thompson, M. D., LL. D., in *Everyday's Magazine*, says: "The results reported by numerous farmers show from fifty to one hundred per cent. increase in yield of inoculated seeds over seeds without such preparation."

Listed and endorsed by all the leading seedsmen of the country.

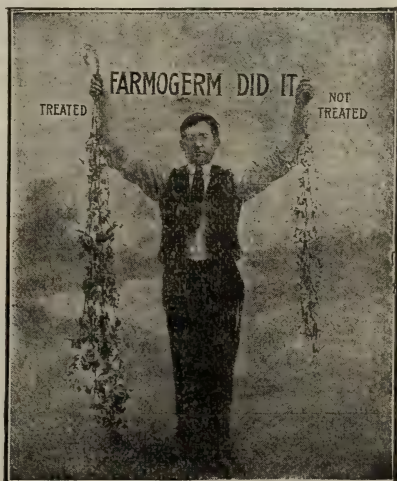
Indorsed by the following: L. B. Judson, New York College of Agriculture; E. B. Fred, Virginia Agricultural Experimental Station; Borden's Condensed Milk Co.; Alva Agee, Pennsylvania State College; G. E. Sevey, Editor N. E. Homestead.

Prepared for clover, beans, cow peas, alfalfa, peas, soy beans, vetch, and all other legumes.

In ordering state what legumes you wish to plant. Write for 32-page booklet on Farmogerm.

Price for acre sizes, \$2 per acre.

Price for garden sizes, 50 cents.



HEN-E-TA BONE GRITS.

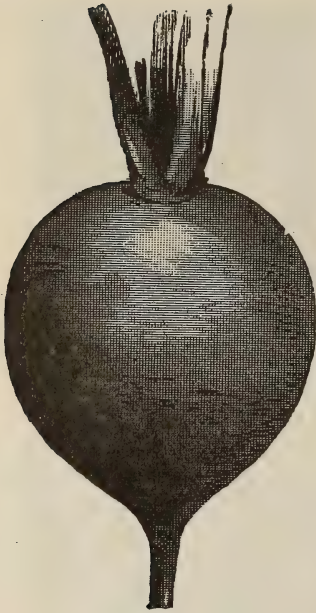
Something to Crow About.

No other bone needed. No other grit needed. No bone cutters needed.

GUARANTEED ECONOMIES OF HEN-E-TA.

Saves all other bone. Saves all other grit. Saves all oyster shells. Saves all bone cutters. Saves meat scraps. Saves charcoal. (Hen-e-ta is an absorbent.) Saves one-third of all grain rations. Saves bills for poultry remedies. Increases fertility in eggs. Produces larger and harder shelled eggs. Produces stamina and vigor. Saves millions of baby chicks if fed from second day on.

Hen-e-ta Bone Grits contain about 30 per cent. pure bone ash, made digestible by baking in an oven at a temperature of 3000 degrees Fahrenheit. This baking not only refines the bone ash in Hen-e-ta to the highest degree possible, making it germ free and absolutely PURE, but also puts the bone ash into a condition of grittiness unequalled in sharpness and grinding qualities by any other grit on the market. Hen-e-ta is porous, and by its proper use we guarantee that you will not need any other bone of any kind, nor any other grit of any kind, nor oyster shells. The latter are positively harmful, especially to young fowl, who are killed by the free lime in the oyster shells. Hen-e-ta is: Phospho-silicate of lime plus phospho-silicate of soda, intimately combined at great heat, and made exceedingly porous, so that the gastric juices can penetrate through it. It is the best and cheapest source of bone ash on the market to-day. Its use saves all bone, all other grit, oyster shells, beef scraps and charcoal. 100 lb. bag, \$2.25; 50 lb. bag, \$1.50.



DETROIT DARK RED.

Half Long Blood, an excellent half long, second early; good also for winter use
Long Blood, long, smooth and very dark red; a late variety. Our strain of this variety cannot be excelled
Golden Tankard Sugar
Taber's Gate Post, new mangel
Swiss Chard, for greens,

ASPARAGUS.

Per oz Per lb

Barr's Mammoth, very large, early . . . \$ 10 \$1 75
Palmetto, large, tender, light green . . . 10 75
Conover's Colossal, very large, . . . 10 75
Asparagus Roots of the above varieties, per 100, 1 00
 Special prices for quantities.

BETT. Ruben

Bassano, globe shape, German, early, tender variety; color, light red, . . . 10 75
Bastian Early Blood Turnip or **Lentz**, very early red variety; not quite so flat as Bassano, . . . 10 75
Extra Early Egyptian, flat, one of the earliest table beets; small tops, color very dark red; flat and smooth . . . 10 75
Crosby's Egyptian, the best for early market; as early as the original strain of Egyptian, is thicker and less inclined to push up a woody neck as it advances in growth . . . 10 90
Detroit Dark Red, globe shape, skin dark red; very sweet . . . 10 90
Dewing's Blood Turnip, improved variety of deep blood-red; fine form and flavor . . . 10 75
Eclipse Blood Turnip, very early, round, smooth and dark red; very small top, and is one of the best for market, . . . 10 75
Edmand's Turnip, one of the very best strains for market gardeners; small top, round, handsome and very dark red. Our stock is very fine, . . . 10 75
Mammoth Long Red Mangel . . . 10 35
Yellow Mangel or Intermediate . . . 10 35
Yellow Ovoid Giant . . . 10 35
Yellow Globe Mangel . . . 10 35
Vilmorin's Improved Imperial Sugar . . . 10 35
New Ideal Mangel Beet. See page 19 . . . 10 75

BEANS, (Bush) Garten Bohne.

Per qt Per bu

HODSON WAX . . . \$ 40 \$8 00
GOLDEN WAX, Improved, . . . 30 7 50
BLACK WAX, yellow pods . . . 30 7 50
DAVIS' KIDNEY WAX . . . 30 7 50
WARDWELL'S KIDNEY WAX . . . 30 7 50
GOLDEN EYED WAX . . . 30 7 50
VALENTINE WAX . . . 30 7 50
EARLY LONG YELLOW, six weeks, green pod, . . . 25 5 00
DWARF HORTICULTURAL . . . 30 6 00
IMPROVED VALENTINE . . . 25 5 00
MOHAWK, one of the earliest . . . 30 5 00
CHINA RED EYE . . . 20 4 50
BOSTON YELLOW EYE . . . 20 5 00
REFUGEE PICKLING BEAN . . . 25 6 00
WHITE KIDNEY . . . 20 4 00
WHITE MARROW . . . 20 4 00
WHITE IMPERIAL . . . 20 4 00

BEANS, (Pole or runners).

Per qt Per bu

DREER'S CLUSTER GOLDEN WAX . . . \$ 30 \$8 00
BLACK WAX . . . 30 8 00
LAZY WIFE, pole, . . . 30 8 00
HENDERSON BUSH LIMA, large, . . . 30 8 00
BURPEE'S IMPROVED BUSH LIMA 50 12 00
BURPEE'S BUSH LIMA . . . 30 8 00
EARLY JERSEY LIMA, new . . . 30 7 00
KING OF THE GARDEN LIMA . . . 30 7 00
CRANBERRY, SPECKLED or **WREN'S EGG** . . . 30 6 00
DUTCH CASE KNIFE, white flat, . . . 30 6 00
SCARLET RUNNER . . . 40 8 00
WHITE DUTCH RUNNER . . . 40 8 00
ONONDAGA POLE . . . 30 6 00
BROAD WINDSOR . . . 50

BROCCOLI.

Per oz Per lb

EARLY, large (French) . . . \$1 00 \$
SOUTH HAMPTON . . . 1 00
BRUSSELS SPROUTS.
DWARF, Fine French, . . . 20 1 75

BORECOLE or KALE.

Per oz Per lb

GREEN CURLED or **KALE** . . . 15 75
PURPLE or **BROWN KALE** . . . 75 75

Bei uns wird Deutsch gesprochen.

TIN WORK AND REPAIRING DONE PROMPTLY.



EARLY JERSEY WAKEFIELD.



VOLGA CABBAGE.

CABBAGE Kopf-Kohl.

Per oz. Per lb.

EARLY SPRING CABBAGE. The earliest and best of all the first early sorts. It's hardness fits it not only to resist the cold, but any and all unfavorable conditions.

35 \$ 00

DANISH BALL HEAD CABBAGE.

This is imported direct from Denmark, and is the genuine true to name variety. Have imported annually for many years, and it has given the best of satisfaction. Our seed for this season is especially fine

30 3 00

Volga Cabbage, new

30 4 00

Henderson's Early Summer	25	2 00
Winningsstadt, early . . .	25	2 00
Early Ox Heart, or Etampes	25	2 00
Early Jersey, Wakefield . .	25	2 50
Succession, L. I. grown . .	25	2 00
Sure Head Cabbage	25	2 00
Houser, big, hard, late . .	25	3 00
Fotler's Brunswick	25	2 00
Danish Ball Head, Imported	30	3 00
Hollander	30	2 50
All Seasons	25	2 00
Premium Flat Dutch . . .	25	2 00
Large and Late Drumhead .	25	2 00
Marblehead Mammoth . .	25	2 00
Warren or Stonemason . .	30	2 50
Red Dutch, "Erfurt," early	25	2 50
Red Rock, late,	25	3 00
Large Dark Red Drumh'd	25	2 00
Globe Savoy	25	2 00
Victoria Savoy	30	2 50

GENUINE DENMARK GROWN CAULIFLOWER SEED.

Imported annually from our Denmark growers for many years.

The best Gardeners in this section have used our strains for years. A sure header, a fine yielder and a money maker.

CAULIFLOWER-BlumenKohl

Per oz.

Ebeling's Danish Giant, extra small leaf, fine large head, late, \$4 00

Ebeling's Dwarf Snowball, fine quality, true, early, . . 4 00

Half Early Paris, large heads. 75



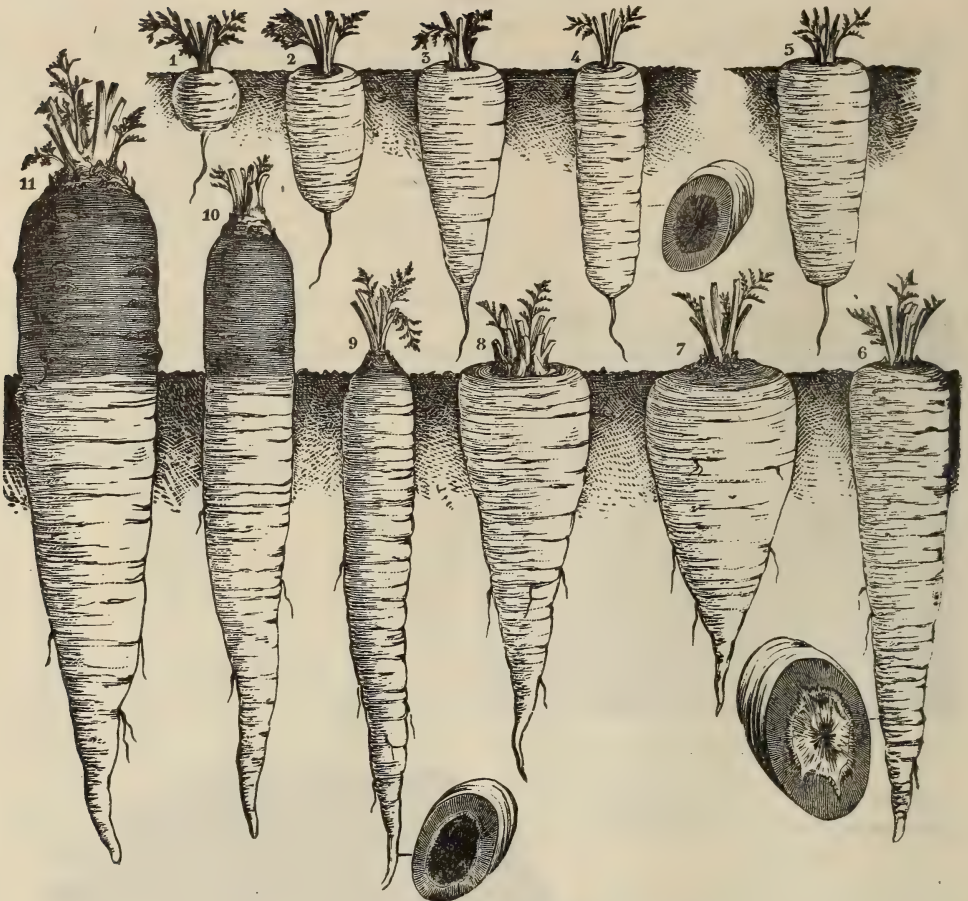
TRUE SNOWBALL CAULIFLOWER

Maggots in Cabbage Plants.

Soak Paris Green in bran and spread between the rows. The maggots will come out and eat this and die.

NON-WARRANTY—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

BARGAINS IN PLOWS. BONE MILLS and POULTRY SUPPLIES



THIS CUT SHOWS TRUE SHAPE OF CARROTS.

CARROTS, Gelbe Ruben.

	Per oz	Per lb
1. Early French Forcing , nearly round, small, very early, . . .	\$ 10	\$1 50
2. Early Horn , scarlet, very early, . . .	10	1 00
3. Danver , medium size, orange yellow, . . .	10	1 00
4. Chantenay , finest quality for table, dark orange . . .	10	90
5. Rubicon Half Long , rich, dark orange, (Improved Danver) . . .	10	90
6. Saint Vallery or Point Rooted Danver . . .	10	90
7. Large White Vosges , for cattle, large yielder, . . .	10	75
8. Half Long Pointed , St. James' new, red . . .	10	75
9. Altringham , red for butter, . . .	10	75
10. Long , orange green top, yellow, very productive, . . .	10	75
11. Large White Belgian , very productive, . . .	10	75
Meaux Large , dark orange stump rooted, smooth, fine for table, . .	10	1 00
Oxheart (or Guerande), thick stump rooted, . . .	10	75

Names of a few gardeners who have dealt with this house continuously from 25 to 40 years.

Charles B. Day, Waterloo,	26 years	Henry O'Neill,	26 years
J. N. Rose, Syracuse,	41 "	John Butler, Onondaga Valley,	38 "
S. B. Babcock, Fulton,	33 "	A. H. Ballard, East Onondaga,	28 "
Albert Wright, Syracuse,	41 "	George Craddock, Onondaga,	40 "
William Lambert, Salina,	28 "	Henry Wright, Syracuse,	41 "

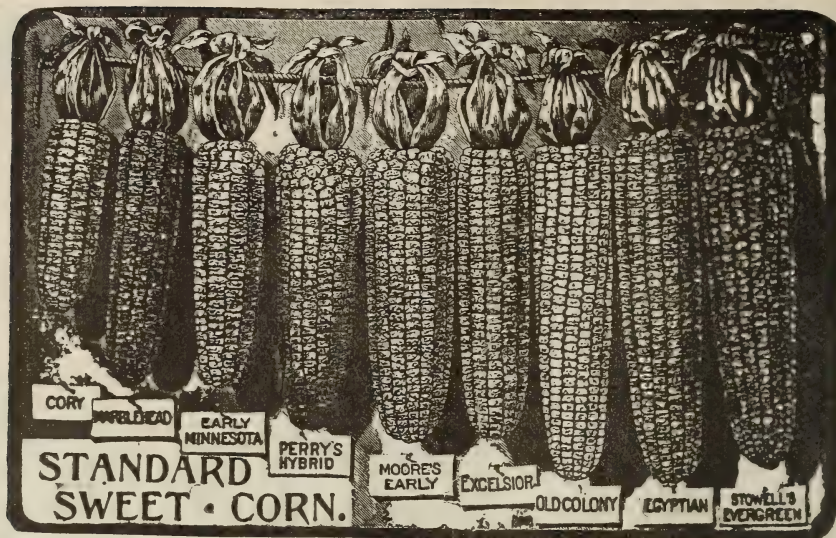
Also hundreds of others who have dealt with us 6 to 27 years.



A FIELD OF OUR WHITE PLUME AND PARIS GOLDEN CELERY.

Grown by Sebastian Smith on Grand Avenue, This City.

CELERY , <i>Selerie</i> .	Per oz	Per lb
BOSTON MARKET. Popular in the markets of Boston; a strong grower, remarkably tender and crisp,	\$ 20	\$2 00
CRAWFORD'S HALF DWARF. Very solid, creamy white when blanched; fine flavored,	20	2 00
DWARF GOLDEN HEART. Resembles the Half Dwarf White in habit of growth; very solid and the heart is of a golden yellow when blanched; excellent keeper,	20	2 00
PARIS GOLDEN SELF BLANCHING. Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt the finest early Celery in cultivation. It is perfectly solid, of a fine, nutty flavor, attains a good size, and when blanched is of a handsome golden yellow,	40	5 00
EVANS' TRIUMPH. Fine green variety, large and solid,	30	2 00
GIANT PASCAL. The largest variety grown, is also the best keeper; of fine, nutty flavor, very easily blanched; deservedly popular for fall and winter use	20	2 00
GIANT WHITE SOLID. Attains large size, is a quick grower, solid, crisp and a good keeper. Very popular with the English gardener	50	4 00
WHITE PLUME. A well known and perhaps the most popular variety of Celery; very early, ornamental, and for quality surpassed by none,	20	2 50
KALAMAZOO WHITE SOLID DWARF. Grown extensively by Celery growers at Kalamazoo, Michigan; a dwarf white variety, easily blanched; a good keeper and popular as a shipper,	30	2 00
NEW ROSE. The best of all the red or pink varieties, combining hardiness, solidity and keeping qualities; for crispness, and fine, nutty flavor, it has no superior,	30	3 00
PERFECTION HEARTWELL. A large, solid, fine flavored, sort of creamy white color; a fine winter sort,	20	2 00
SUTTON'S SUPERB PINK. Very crisp, sweet and tender. Favorite with the English gardener. The finest of all Celery for family use,	50	4 00
PINK PLUME. Practically identical with Improved White Plume, but with the added merit of the stalks being richly suffused with pink,	30	3 00
SOUP CELERY. Seeds for flavoring soups, pickles, etc.,	15	1 00
CELERIAIC. Large smooth or turnip rooted Celery,	20	2 00
CHICORY , <i>Chichorie</i> .		
Improved Large Leaves for Greens,	15	75
Large Rooted for Coffee,	15	75

**SWEET CORN.**

Price on corn subject to change without notice.

	Per qt.	Per bu.
GOLDEN BANTAM —Three feet high, small ear, golden creamy yellow kernels, of superb quality	\$ 40	\$ 6 00
PREMO —The earliest and best sweet corn in existence, early as the "Early Adams,"	30	5 00
EARLY MONARCH —Very white, 12 14-row, large, really as early as Perry's Hybrid, frequently 2 ears on a stalk, very sweet, most desirable, second early in the market,	30	5 00
PEEP o' DAY —Extremely early, pure white, small cob, very sweet,	30	5 00
CORY RED —Earliest 8 row, red cob 6 inches long,	25	5 00
CORY WHITE —Similar to Cory Red,	25	5 00
MARBLEHEAD —Extra early, Red Cob very fine,	25	5 00
PERRY'S HYBRID —Early 12-rowed, large ears, stalks of strong growth, 2 ears to the stalk, very sweet	25	5 00
EARLY MINNESOTA —8 rowed, large sweet kernels fine standard sort,	25	5 00
CROSBY EARLY —12-row, second early, 10 to 12 row, medium size,	25	4 50
BALLARD'S RED COB —Similar to Perry's Hybrid,	25	6 00
SHAKER'S —Early, large ears, fine quality,		4 00
EARLY EVERGREEN —12 rows 10 days earlier than Stowells,		5 00
MOORE'S EARLY CONCORD —Large, handsome 14-rowed, fine quality,		4 00
ASYLUM —Large, fine late, very sweet		4 00
EGYPTIAN —Large, very late, tall growing, very sweet tender, fine for canning,		4 00
STOWELL'S EVERGREEN —Extra fine quality, stalks of strong growth, 2 ears to the stalk, very sweet, large kernels and slender cob,		4 00
COUNTRY GENTLEMAN —A cross of the Stowell's Evergreen and Ne Plus Ultra, slender and deep kernels, very productive and sweet,		
HICOX'S IMPROVED SUGAR —Very fine late, large ears, popular canning variety,	25	4 00
BLACK MEXICAN —Medium early, 8-row, very sweet,	25	5 00
ANGEL-OF-MIDNIGHT —A very popular field sort		2 00
EIGHT-ROWED YELLOW —A very desirable field variety		2 00
SMUT NOSE or KING PHILIP —A fine, large yielding sort		2 00
EIGHT ROWED WHITE —Large eared, field variety, large yielding sort		2 00
HURON DENT —Dent variety, ripens like State corn		2 00
PRIDE OF THE NORTH —Ensilage variety	1 50 to	2 00
LEAMING —Fodder corn—Ensilage variety	1 50 to	2 00
"SOU" —Fodder corn, very leafy, quick growing and fine for green fodder		1 50
EVERGREEN —Sweet corn for fodder,		3 00
IOWA GOLD MINE —Ensilage variety. See page 3		2 00
	Per oz.	Per lb.
CORN SALAD , Ackersalat. Large round leaved or small seeded,	\$ 15	\$ 75
CHERVIL , Gartenkerbel. Curled. Treat like parsley. A valuable flavoring herb	20	2 00
CRESS OR PEPPERGRASS , Kresse. Fine for salads.		
CRESS —Garden curled,	10	75
WATER CRESS —DWARF—Fine curled, grows in shallow water	25	2 50

Hier wird Deutsch gesprochen.



THE ABOVE SHOWS THE TRUE TYPE OF CUUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White spine.

CUCUMBER, Gurke.	Per oz	Per lb
Vickery's Forcing	\$ 30	\$1 00
Arlington. A selection from the White Spine, but more pointed at each end. Very dark green color Pkt. 5c;	10	1 00
Cumberland, handsome green— straight, firm, solid, crisp . .	10	1 00
Japanese Climbing. Very hand- some, long, dark green	10	1 50
Lemon Cucumber. A very fine ac- quisition to the cucumber family See page 19 Pkt 10c	25	
Aksarben, new, dark green, . .	10	1 00
Hill's Forcing Early White Spine,	10	1 00
Fordhook White Spine,	10	1 00
Green Prolife, extra early, . . .	10	1 00
Early Russian,	10	1 00
Early Frame,	10	1 00
Early Cluster,	10	1 00
White Spine, Improved ext. stock,	10	1 00
Long Green,	10	1 00
Giant Pera,	per pkt.,	20
Telegraph, per doz., seed, . . .	"	20
West India Gherkin,	"	20



ENDIVE.



KOHL-RABI.

EGG PLANT, Eierpflanze.	Per oz	Per lb
New York Improved,	\$ 30	\$3 00
Black Pekin, or Black Beauty	35	3 00
ENDIVE, Endivien. "Escarolle" or "Chicoree."		
Yellow Early (not curled),	20	1 50
Green Curled Winter,	20	1 25
Fine Curled Summer,	20	1 50
Broad Leaf	20	1 50
GARLIC, Knoblauch. Sets	10	60
HERBS, See page 18.		
KALE, or Borecole. See Borecole.		
Green Curled,	15	85
Siberian Curled, German Greens,	15	75
KOHL-RABI.		
White, above ground,	25	2 00
Purple, above ground,	25	2 50
LEEK, Lauch. London, broad flag,	20	1 00



GRAND RAPIDS LETTUCE.

Yellow Seeded Butter—Cabbage Butter head, medium large, medium green, leaves crumpled and rather thick. Is similar or same as silver ball.

Giant White Cos—Large size, medium light green, is quite tall, forms a good head.

Deacon Head—Cabbage butter head, medium size, medium green, leaves thick. Does not form a decided head but a well folded one, which is very oily and golden yellow inside.

Denver Market—Cabbage, butter head, medium small size, medium green. One of the old standard varieties, and in our experience have found it identical with White Seed Tennisball.

Big Boston—A fine large-heading forcing sort, and succeeds well in cold frames during the winter. The plants are very hardy and vigorous. When well grown, the heads are beautifully blanched and quite tender.

New York Head—Curled or Crisp as Iceberg, dark green heads somewhat conical.

LETTUCE Salat.

Per oz Per lb

Grand Rapids, new forcing

very fine for greenhouse . . . \$ 15 \$1 25

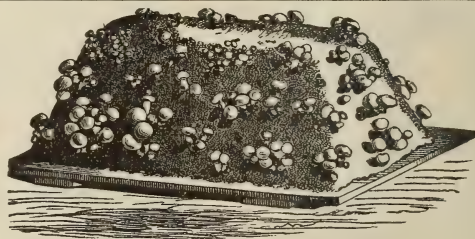
Denver Market, early head . . . 15 1 25**Onondaga**, for Green House . . . 15 1 25**Brown Dutch** 15 1 25**Big Boston** 15 1 25**Satisfaction** 15 1 25**Early Curled Simpson** . . . 15 1 25**Early Curled Silesian** . . . 15 1 25**Golden Stone** 15 1 25**Iceberg** 15 1 25**Hanson Head** 15 1 25**New York Head** 15 1 25**Indian or Prize Head** . . . 15 1 25**Tennis Ball** 15 1 25**White Cos** 15 1 20**MUSKMELON.** Melone.

Per oz Per lb

Hoodo—New orange fleshed. \$ 40 \$**Onondaga Musk Melon**—A new early, large, fine oblong, netted, green fleshed melon. A great yielder, very hardy, firm fleshed, attractive in appearance . . . 10 1 50**Paul Rose or Petosky**—Fine salmon fleshed 10 1 50**Rocky Ford**—New, green flesh, 10 1 00**Miller's Cream or Osage**—Very fine, deep Salmon flesh 10 1 50**Green Citron Musk Melon** 10 2 00**Surprise**—Round, yellow flesh, medium size 10 1 50**Tip Top**—A very fine, yellow fleshed, market melon 10 2 00**Emerald Gem**—Green flesh 10 2 00**Osage**—Salmon fleshed 10 2 00**Large Nutmeg or Improved Cantelope**—Green flesh 10 1 25**Montreal Market Musk**—Green flesh, 10 1 25**Hackensack**—Very fine, green, large, attractive 10 1 25**MUSHROOM SPAWN.**

Mushrooms may be grown wherever the temperature of 60 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted. It takes about two months to begin bearing.

Price, 30 cents per pound.



MUSHROOM BED

For full particulars how to grow them, see our book on Mushroom growing listed on front page inside of cover. Price \$1.25

Bei uns wird Deutsch gesprochen.



A field of our Yellow Globe Danver Improved Onion.

WATERMELON. Wassermelone	Per oz Per lb	
	Per oz	Per lb
Sweet Heart, early, large, handsome,	\$ 10	\$ 75
Phinney's, Early, red flesh,	10	75
Cole's Extra, early,	10	75
Mountain Sweet, old favorite,	10	75
Black Spanish, round, dark green with red flesh,	10	75
Icings or Ice Cream,	10	75
Green Citron, for preserves	10	75
MARTYNIA, for pickles,	40	3 25
NASTURTIUM.		
Tall (See Flower Seed),	10	75
Dwarf,	10	85
OKRA or GUMBO.		
Dwarf, white,	10	75
MUSHROOM SPAWN.		
English,	30	
MUSTARD, Sent.		
White,	05	35
Brown,	05	35

ONION. Zwiebel	Per oz Per lb	
	Per oz	Per lb
Southport Yellow Globe	\$ 20	\$2 00
Michigan Yellow Globe	20	2 00
Ohio Yellow Globe	30	2 00
Yellow Globe Danvers, Improved	20	1 75
Flat Danver Yellow	20	1 50
Prize Taker	20	2 00
Extra Early Red, early, flat,	20	2 00
Southport, Red Globe,	20	2 00
Large Red Wetherfield	20	2 50
California Early Red	25	3 00
Bolton Seed, produces the Bolton Sets,	25	3 50
White Silverskin or Portugal, for bunching,	25	2 50
Southport White Globe		3 00
Mammoth Silver King	25	2 50
Barletta or White Queen		
Small white, Fine for pickles	25	2 50
TOP ONION SETS. Market Price.		
Bolton. Yellow. White. Potato.		



BELL OR BULL NOSE.

PARSLEY. Peterselia	Per oz Per lb	
	Per oz	Per lb
Champion Moss Curled	\$ 10	\$ 75
Fern Leaved	10	75
Extra Double Leaved.	10	75
PARSNIPS. Pastinake		
Long White	10	50
Hollow Crown thick shoulder	10	50
PEPPER. Pfeffer		
Chinese Giant	50	5 00
Rose Mammoth, extra Bull Nose	25	2 50
Bell or Bull Nose, extra large	25	2 50
Ruby King, extra long	25	2 50
Long Red Cayenne	25	2 50
Monstrous Red, for stuffed pickles,	25	2 50
Celestial, new,	25	2 50
Red Cluster or Red Cherry	25	2 50
Chili, small, for pepper sauce	25	2 50
Birds Eye or Creole, extremely hot, small red,	25	2 50

PEAS. Erbsen**EXTRA EARLY SORTS.**

Per bu

(1 quart to 100 feet of drill; 2 to 3 bushels for an acre.)

* Thomas Laxton , One of the very best early peas. More prolific than Gradus and pods nearly as large. Extra fine quality. Height 30 to 31 in. Should be in every garden. Season 53 to 58 days.	40	\$10 00
* Gradus or Prosperity , pods as large as Telephone. Early as Alaska. Extra fine quality. Height about 30 in. Grow it. Season 50 to 55 days.	40	10 00
Alaska , very early, excellent quality. Height 30 in. Season 48 to 50 days.	40	7 00
Extra Early , better quality than Alaska and fully as early. Height 24 to 30 in. Season 48 to 50 days.	40	6 00
* Gregory's Surprise , a very early, sweet, wrinkled variety. Fine quality. Height 24 in. Season 48 to 50 days.	40	6 00

DWARF VARIETIES.

* American Wonder , sweet, wrinkled. Very early. About seven weeks from planting to picking. Height 10 to 12 in. Season 50 to 53 days.	40	8 00
* Little Gem , a dwarf, green, wrinkled pea. Very prolific and of excellent flavor. A few days later than above. Height 16 to 18 in. Season 55 to 60 days.	40	8 00
* Not's Excelsior , resembles American Wonder. A trifle taller and more prolific. A few days later. Fine quality. Season 55 to 60 days.	40	8 00
* Premium Gems , a week later and a few inches taller than American Wonder. Fine quality. Season 58 to 60 days.	40	8 00

SECOND EARLY.

* Advancer , about the same as Premium Gems. A good, sweet, wrinkled pea. Height 25 to 30 in. Season 58 to 60 days.	40	8 00
* Horsford's Market Garden , season about the same as Advancer, but more hardy and prolific. Good quality. Season 60 to 65 days.	40	8 00
* Admiral , very prolific. Quality good. Size small. Picking season short. Height 4 feet. Season 60 to 63 days.	40	8 00
* Ebeling's Telephone , follows Advancer. Pods very large, well filled with extra fine sweet peas. Height 4 feet. Season 68 to 70 days.	40	8 00
* Duke of Albany , similar to Telephone, but pods and peas darker green, holding fresh appearance longer. Season 72 to 75 days.	40	8 00
Long Island Mammoth (sometimes called the Telegraph) This celebrated Pea very closely resembles the popular Telephone. Pods large in every way, long and broad, and contain six to nine seeds, height 4 feet. Pods a shade darker colored than Telephone and a very prolific yielder. Last year this variety produced a better crop than any other sort. Are especially popular with the English growers for marketing.	40	8 00
* Dwarf Champion , productive, good quality. Height 25 to 30 in. Season 73 to 75 days.	40	8 00

LATE VARIETIES.

* Abundance , productive, good quality. Height 2 1-2 to 3 feet. Season 77 to 80 days.	40	7 00
* Everbearing , good quality. Height 2 1-2 to 3 feet. Season 78 to 81 days.	40	7 00
* Champion of England , an old favorite. Good quality. Height 4 feet. Season 78 to 80 days.	40	7 00
* Yorkshire Hero , good quality, large peas. Height 2 ft. Season 78 to 80 days.	40	7 00
* Improved Stragem , pods large, peas extra fine quality. A fair cropper, yielding well under favorable conditions. Height 2 feet. Season 80 to 82 days.	40	7 00
* Mammoth Podded Sugar , large, edible pods, to be broken and cooked like string beans. Height of vine 5 to 6 feet.	40	7 00
* Dwarf Gray Sugar , small edible pods. Very prolific. Height of vine 2 feet.	40	7 00
White Marrowfats , fair quality. Height 4 to 5 ft. Season 80 to 85 days.	15	3 00
Black Eyed Marrowfats , not quite as late as White Marrowfats. Similar quality. Season 75 to 80 days.	15	3 00
*Wrinkled varieties		

POTATOES.

Per bu.

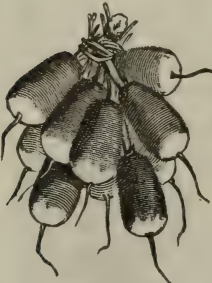
White Ohio , see page 19 for description.	\$2 00
Beauty of Hebron , early and one of the best; red and white skin, white flesh.	2 00
Clark's No. 1 , rose colored; a good yielder, fine table quality; a leading early potato.	2 00
Early Ohio , extra early maturing about two weeks before the Early Rose; almost round; flesh solid, cooks dry and mealy; largely grown in the South for shipping to Northern markets.	2 00
Early Rose , popular standard early; noted for earliness, productiveness; fine quality potatoes out of the field.	2 00
Rural New Yorker No. 2 , standard late, round white variety.	1 50
Carmen No. 3 , enormously prolific, averaging nearly a pound apiece; very uniform.	1 50
Early White Albino . This wonderful new potato has crowded all other early white potatoes out of the field. The tubers are of a large size for so early a potato cooking dry and mealy, of grand keeping quality. In late spring when other early potatoes are soft and soggy this potato remains firm, cooking dry and mealy.	2 00
Early Johnson (Pink). Early, one of the grandest later day potatoes. The tubers are of even size, cooking very dry and mealy, with an exceptionally luscious flavor.	2 00
Star of the East (Clouded) Oblong in shape, large size, and a fine table potato. Vines are very vigorous and blight-resisting, and it is a very large yielder.	1 50

PUMPKIN SEEDS.

Connecticut Field, per lb., 20c; per bu., \$5.00	Cashaw Pumpkin, fine table. . . per lb., .50
Cheese Pumpkin. per lb., .60	Mammoth Prize Pie, per pkt., .10



DEEP SCARLET TURNIP
RADISH.
SMALL TOP. NEW.



FRENCH BREAKFAST
RADISH.



CHINESE ROSE WINTER
RADISH.

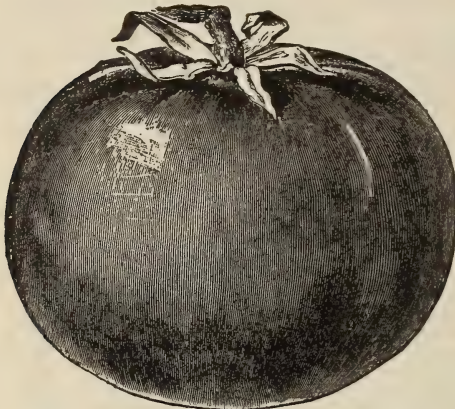
RADISH. Radischen. Our Seed is the very best imported.		FRENCH STOCK.		Per oz	Per lb
Icicle. A handsome, long, pure, pure white radish. Roots somewhat shorter and mature a little earlier than Long White Vienna. A most desirable white summer sort					
				\$ 10	\$ 75
Early Scarlet Globe,				10	75
Ne Plus Ultra Deep Scarlet Turnip, forcing				10	75
Early Scarlet Turnip, white Tipped (rosy gem)				10	75
Early Deep Scarlet Turnip, forcing,				10	75
Early White Box or Turnip,				10	75
Early Deep Scarlet, olive shape, small top,				10	75
White Olive Shaped or Newcombe,				10	75
Rosy Gem, one of the earliest forcing in cultivation. Shape a perfect globe. Deep scarlet top, blending into white at bottom					
				10	1 00
French Breakfast, white tipped,				10	75
Early Long Scarlet, short top,				10	75
Long White Vienna or Lady Finger, excellent,				10	75
Chartier Long, white tipped,				10	75
Scarlet Chinese Rose Winter, fall variety,				10	75
Round Black Spanish Winter, German favorite,				10	75
Long Black Spanish, winter, black skin, white flesh,				10	75
Giant Stuttgart. Fine, large, white winter				10	75
White Giant Spanish, winter,				10	75
White Strasburg, fine, solid, large, summer,				10	75
White Russian, very large, winter,				10	75
California Mammoth White, winter,				10	75
Special prices in quantities.					

SAGE,		20	2 00
SALSIFY, or Vegetable Oyster, Boeksbart.			
Large White,		10	1 20
Mammoth Sandwich Island, new,		10	1 00
SORREL, Large Leaved French,		10	1 00

SPINACH. Spinat. 25 lb. lots special prices.			
New Zealand. This is not a Spinach of the ordinary type, but a plant of branching growth. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. The young branches and leaves can be gathered at any time and prepared like Spinach,			
		10	1 00
Early Giant Thick Leaved. An early maturing sort, with large leaves of fine, deep green color,			
		10	40
Round Summer Broad Leaved. Preferred in the north for early spring sowing, and is the most popular with our market gardeners. The leaves are large, thick and fleshy. Though not quite as hardy as the Prickly Winter, stands exposure well. Round-Viroflay. (Thick leaved.) Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing,			
		5	30
Norfolk Savoy, or Bloomsdale. Large curled and wrinkled leaves; tender, of finest flavor,			
		5	25
Long-Standing. (Round, Thick-leaved.) Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing,			
		5	35
Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality; remains in prime condition from two to three weeks after all other varieties have run to seed; a fine variety for spring sowing,			
		5	30
Prickly or Winter. Vigorous and hardy, and recommended for fall sowing,			
		5	40

SQUASH. Kurbis.		Per oz	Per lb	Per oz	Per lb
The Delicious, new,		\$ 10	\$ 85	Hubbard, winter, fine stock,	\$ 10 \$ 75
Golden Hubbard,		10	85	Boston Marrow, old variety, fall,	10 75
Golden Bush Scallop,		10	85	Butman, nearly like Hubbard,	10 75
Early Scallop, white,		10	85	Marblehead, like Butman,	10 85
Giant Summer, Crook-neck,		10	85	Vegetable Marrow,	10 85
The Faxon, very early,		10	85	Fordhook,	10 1 00

TOBACCO SEED. Tobacco Samen.		per oz.	50	per oz.	50
Wilson's Hybrid,				Haynes,	



CHALKS EARLY JEWEL.

* Another new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth and the fruit is double the size. It is equally early, is equally prolific. The shape of the fruit is perfect. It is very solid, ripens very evenly and is of excellent quality."

TOMATO. Liebesapfel.

	Per oz	Per lb
* Livingston's Dwarf Stone	\$ 40	\$ 3 00
Sparks Earliana, largest early		
scarlet on the market, . . .	40	3 50
Chalk's Early Jewel, . . .	25	3 50
New Scarlet Stone, . . .	25	2 50
Early Ruby, bright scarlet, . .	25	2 50
Matchless, large scarlet, . .	25	2 50
Ignotum, new, deep red, . .	25	3 00
Dwarf Champion, pink, . . .	25	2 50
Livingston's Beauty, pink, . .	25	2 25
Livingston's Magnus, new, . .	30	2 50
Livingston's Favorite, scarlet	25	2 25
let,	25	2 50
Acme, purple,	25	2 00
Lorillard, early bright red, . .	25	2 50
Ponderosa, very large, red, . .	25	3 00
Trophy, large and solid, red . .	25	2 25
Yellow Husk,	5c	paper
Golden Queen,	5c	"
Yellow Plum,	5c	"
Purple Husk,	5c	"

TURNIP. Steckrube

Per oz Per lb

LONG ISLAND IMPROVED RUTA BAGA TURNIP.

This very desirable variety is nearly globe shaped with absolutely no neck. The flesh is firm and very tender; color on outside white with purple top, while the inside is pale yellow. Has the same flavor and richness of ordinary Ruta Baga without the strong flavor. In fact it bears the same relation to the Turnip as the Cauliflower to the Cabbage.

Cow Horn, or Long White. Pure white, except a little shade of green at the top carrot-like in form, growing nearly half out of the ground and slightly crooked. Delicate and well flavored, of very rapid growth and has obtained considerable favor for fall and early winter use,

Extra Early White Milan,	10	60
Purple Top, strap leaf, flat white,	10	75
Mammoth Purple Top White Globe,	10	60
Golden Ball or Orange Jelly,	10	60
White Norfolk, large, fine summer, globe shape	10	60
Early White Stone, very fine,	10	60
White Dutch, flat,	10	60
Yellow Aberdeen,	10	60
White Sweet Waldo or German,	10	60
Skirving's Yellow Ruta Baga, purple top, very large	10	60
Lalug's Improved Swede, white,	10	60
Carter's Improved Swede, yellow,	10	60



RUTA BAGA AMERICAN PURPLE TOP TURNIP.

SWEET HERBS.

Anise, seeds aromatic,	5c
Balm, has medicinal qualities,	5c
Basil, sweet,	5c
Borage, leaves used for salad,	5c
Caraway, seeds aromatic,	5c
Chives,	5c
Coriander, seeds aromatic,	5c
Dill, seeds aromatic and medicinal,	5c
Fennel Sweet, seeds aromatic,	5c
Horehound,	5c
Lavender, leaves aromatic,	5c

SWEET HERBS.

Marjoram, leaves used in seasoning, . . .	5c
Mint (peppermint),	5c
Rosemary, aromatic,	5c
Rue, medicinal qualities,	5c
Saffron, medicinal qualities; also dyeing, .	5c
Sorrel,	5c
Sage, culinary herb,	\$1.40 lb
Savory Summer, culinary herb,	5c
Tarragon or Estragon (roots),	5c
Thyme, culinary herb,	5c
Wormwood, medicinal qualities,	5c

WE CARRY A FULL LINE OF HARDWARE, GLASS AND PUTTY.

USE OUR SPECIAL LAWN DRESSING AND AVOID FOUL WEEDS.

Bei uns wird Deutsch gesprochen.

LAWN SEEDS.

The best Lawns of Syracuse show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaption to soils, height, color, etc., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. Our Seed is strictly pure. Every variety is examined under a glass before mixing and is free from foul weeds. We use only fibrous rooted perennial grasses that will stand the drouth and close cutting without injury. produces a fine, velvety appearance and forms a thick covering on the ground. **1 lb. 25c; 100 lbs. \$18.00.**

"A Beautiful Lawn."



NEW IDEAL MANGEL.

THE IDEAL SUGAR MANGEL BEET.

A new and original mangel, a perfect chunk of a beet, as shown by the cut, indicating easy harvesting on hard soils. The quality of this new mangel, as shown and fully demonstrated on the trial grounds and by laboratory tests, proves it, as compared with thirty other varieties:

The greatest yielder; contains the highest amount of dried substance; contains the greatest amount of sugar; grows well above ground; therefore making the most valuable feeding beet known. Size, quality and yield, **THESE THREE POINTS** are very important and should not be overlooked.

We have only a limited quantity to offer this season. Price, 60c per pound while it lasts.

LEMON CUCUMBER.

A Novelty of Merit Tried and True.

Is nearly round, yellow and green markings, smooth skin similar to the lemon. Flesh tender, crisp, and possesses a sweetness and flavor surpassing all other cucumbers. Fruit from 2 1/2 to 3 inches in diameter and attractive in appearance. For pickling, either green or ripe, they are unexcelled. They should be used for the table just as the fruits are turning yellow. Pkt. 10c. Oz. 25c.

THE WHITE EARLY OHIO POTATO.

This is the same as the good old Early Ohio, except that it is white. This feature will make it a money maker, as the market prefers the white potato every time. We have some very choice stock grown on muck especially for our trade. This is a great addition to the Early Potato family, and will be appreciated by the growers of Early Market Potatoes, and will overcome the great objection to Northern grown early sorts on account of color. Price while they last, \$2.00 per bushel.





THE AMERICAN PURE SEED CO.

Have Appointed

F. H. EBELING

As their exclusive distributor in On-
ondaga and Madison Counties,
New York, for their Lab-
oratory Tested Seeds.

Every package sealed by the Company and contains a certificate signed by their Agrostologist showing purity and Germination, thus assuring the purchaser of its genuineness.

A display Cabinet with bottles containing high quality seeds are now on exhibition at his store.

Weekly price lists showing value to the consumer had for the asking.

The following Booklets, which are educational and instructive, can be had by addressing F. H. Ebelling, Syracuse, N. Y.:

A Guide to Success in Agriculture. Good and Bad Seeds. Read, Reflect and Respond.



OSBORNE FARM MACHINERY.

Mowers

Corn Harvesters

Farm Trucks

Sickle Grinders

One-Horse Cultivators

Reapers

Tedders

Hay Loaders

Horse Rakes

Disc Harrows

Peg Harrows

Grain Reapers

Lumber Wagons

Side Delivery Rakes

Kemp Manure Spreaders

Spring Tooth Harrows

Hay Rakes

This splendid line of Farm Machinery, made in Auburn, is being sold by us. The fact that it is made so near to Syracuse makes it more valuable to the farmer than if made at a distance. All castings and extras are carried in stock and can be obtained promptly for the full line. A large and complete line is carried at our warehouse, where all orders can be filled promptly.

"RESULTS" IS THE name of an intensely interesting booklet on "How to Use Fertilizers," with practical illustrations showing actual results accomplished in the State by farmers whose names and addresses are attached and who can be communicated with by anyone interested.

Send a postal for "RESULTS" and it will be mailed to your address.



ALFALFA

ALFALFA—We offer a fine pure native-grown Alfalfa Seed, tested by the Department at Washington.

Sow 20 to 30 pounds to the acre. Its feeding value is nearly double that of Timothy Hay, and it can be fed green or dry. Farmogerm will enable it to grow on the ordinary soils. A thorough and careful use of Farmogerm is recommended. A field of Alfalfa is a little "Gold Mine" on any farm.

Price for seed depends upon the quality based upon the present ruling market price.

See page 7 for FARMOGERM.

ALSIKE

This hybrid clover does well on strong clay soil and thrives especially well on moist or low land. It is the proper companion for timothy, the stout stems of the latter sustaining the slender Alsike and the mixture making the best of hay, ranking as No. 1 timothy in market. Alsike has high value, also, as a renovator of marshy land, as it drives out the sedges and other wild growths. It has no tap root but a mass of fine laterals, hence it does not winter kill by heaving. As both hay and pasture, it is greatly relished by all stock. Red Top Alsike and Timothy thrive equally well together. Price varies according to quality.

FALL SEEDING

At this season the ground is warmer than the atmosphere; the gradual reduction of temperature checks leaf growth, while the warmer soil invites a vigorous root formation which continues until the ground is frozen, and is resumed at every thaw.

Grass revels in cool moist soil, and its roots make ready through winter for the summer growth above ground. In spring the soil, especially if it has been long under tillage, dries all too quickly, being poor in humus, and the air being warmer than the ground stimulates top growth of new seedling before the root formation is able to sustain it, the young grass, therefore, has a struggle for life.

If grain has been sown with grass its more vigorous seeding robs the grass plant of moisture to such an extent that it is often killed outright, and the farmer bewails the "uncertain season" that caused him to lose his seeding.

WE OFFER CLOVER, GRASS AND FIELD SEED.

Clover, Red,	Amber Cane,
" White,	Dwarf Essex Rape,
" Crimson,	Peas, Canada,
" Alfalfa	" Black Eye,
" Alsike,	" Cow,
" Bokhara,	" Early and Late,
" Sainfoin,	Rye, Spring,
Timothy, Recleaned,	" Winter,
" Choice,	Corn Leaming
" Prime,	" Pride of the North,
Red Top,	" Sweet,
Blue Grass,	" Pop,
Orchard Grass,	" Field,
Millet, German,	Wheat, Spring,
" Hungarian.	Oats, Seed
" Common	Flax Seed,
Barley,	Broom Corn,
Buckwheat,	Quack Seed.

SPECIAL GRASSES.

	Wt. per bu.	Per lb.	100 lbs
Bromus Inermis Grass.....	12	15c	\$12 00
Creeping Bent.....	15	25c	20 00
Meadow Foxtail.....	9	30c	25 00
Sweet Vernal, Annual.....	11	15c	12 00
" " Perennial.....	11	70c	65 00
Tall Oat Grass.....	13	25c	20 00
Crested Dogtail.....	30	35c	30 00
Sheep's Fescue.....	15	15c	12 00
Hard Fescue.....	15	12c	10 00
Meadow Fescue.....	24	20c	18 00
Tall Meadow Fescue.....	18	35c	30 00
Red Fescue.....	14	20c	18 00
Rough Stalked Meadow.....	20	40c	35 00
Pacey's English Rye Grass.....	28	15c	10 00
Italian Rye Grass.....	18	10c	8 00
Wood Meadow Grass.....	15	70c	50 00

Special prices given for quantities on any of the above varieties.

We Offer Choice, Well-Cleaned, True to Name, Varieties of Following Seeds at Reasonable Prices.

SPRING RYE—\$2.00 per bushel.	JAPANESE MILLET—\$2.75 per bushel.
SPRING WHEAT—\$2.00 per bushel.	GOLDEN MILLET—\$2.00 per bushel.
BUCKWHEAT—\$1.25 per bushel.	HUNGARIAN—\$1.50 per bushel.
DWARF ESSEX RAPE—\$6.50 per 100 lbs.	KAFFIR CORN—\$1.75 per bushel.
FIELD CORN—White or Yellow, \$2.00.	SEED OATS—See page 6.
HURON DENT CORN—\$2.00 per bushel.	SPELTZ—\$1.25 per bushel.
IOWA GOLD MINE—\$2.00 to \$3.00 per bushel.	SOY BEANS—\$3.75 per bushel.
LEAMING CORN—\$1.50 to \$2.00 per bushel.	COW PEAS—\$3.50 per bushel.
PRIDE OF THE NORTH—\$1.50 to \$2.00 per bu.	AMBER CANE or SORGHUM—\$2.75 per bushel.

"WE SELL HARDWARE, GLASS, GRANITE WARE, CUTLERY, ETC."

U. S. N. MARINE PAINTS FOR HOUSE PAINTING.



COST MOST PER GALLON TO MAKE
BUT—
SENSIBLY CHEAP TO USE

U. S. N.
BILLINGS, KING & CO.

NEW YORK SOLE MAN'RS BOSTON

FOR
STRUCTURES
HOUSES
VESSELS, YACHTS
WITHSTAND MOUNTAIN AND SEA EXPOSURE

PAINTS
VARNISHES

F. H. EBELING, Sole Agent,
217 South Warren St.,
SYRACUSE, N. Y.



No. 150 VICTOR POWER MILL.

Grinds ear corn and all small grains. For small engine 2 to 4 horse power. Ball bearing, easy adjustment, light running, large capacity, strongly built. Fully guaranteed.

The Victor No. 150 will grind either ear corn or small grain to an excellent grade of feed meal. With the grain dry and in good condition will have capacity as follows on ear corn: 8 to 10 bushels per hour with 2-horse power, speed 250. 10 to 15 bushels per hour with 3 horse power, speed 300. 12 to 20 bushels per hour with 4-horse power, speed 400. Price, \$30.00.

No. 15 VICTOR POWER MILL.

For grinding corn, oats and small grain. Capacity 10 to 15 bushels per hour. Requires 4 to 6 horse power. Can be operated either with belt to pulley or from tumbling rod direct from horse power. Price, \$30.00.

TRUCKS For moving barrels, bags, ash cans, etc. Can be used also as a bag holder. Saves time of one man when filling bags with grain, etc. Very handy around the stable, barn and house. Price, only \$1.50.

KEY TO TOOLS ON FOLLOWING PAGE.

No.	Price.
1 Solid Shank Hoe.....	\$ 30
2 Notched Scuffle Hoe.....	1 00
3 Narrow Hoe and Rake.....	50
4 Socket Common Hoe.....	30
5 Trowel Shape Weeding Hoe	75
6 Onion Hoe, "double end,"...	50
7 Hoe and Rake, several sizes	25
8 Potato Hook, several sizes...	40
9 Secor Weeding Hook.....	10
10 Large Plantation Hoe.....	50
11 Thistle Spud.....	50
12 Thistle Spud for Lawns.....	50 to 75
13 Pruning Shears, all kinds...	50 to 1 50
14 Hedge Shears, several sizes	1 00 to 1 75
15 Sheep and Grass Shears.....	50 to 1 50
16 Border Shears with roller, or without.....	2 50 to 4 00
17 Spud for Pulling Vegetables	1 00
18 Dutch Hoe.....	1 00
19 Patent English Scuffle Hoe	35 to 50
20 Onion and Celery Plow.....	2 50
21 Tack Claw.....	15 to 25
22 Pruning and Wood Saws...	90 to 1 00
23 Mattock, several sizes.....	50 to 75
24 Transplanting Forks.....	10 to 1 00
25 Wire Leaf Rake.....	60
26 Narrow Mattock.....	75
27 Tree Pruners, several styles	1 00 to 3 50
28 Steel Trowels, all grades...	10 to 60
29 Flower Gatherer.....	50 to 1 00
30 Lang's Patent Weeder.....	25
31 Trellis, all sizes.....	15 to 2 00
32 Double End Pruning Saw...	90
33 Bill Hook.....	1 00 to 1 50
34 Garden Line and Reel.....	1 00 to 1 50
35 Grape and other Scissors....	25 to 1 00
36 English Lawn Rake.....	75 to 1 25
37 Whittling and Pruning..... Knives.....	50 to 1 25
38-39-40 English Pruning..... Knives.....	50 to 1 00
41-42- Budding and Grafting Knives.....	50 to 1 25
43 Grafting Chisel.....	75
44 English Pruning Hook..... Knife.....	1 00
45 Dibber for transplanting...	30
46 Border Knives.....	60 to 1 25
47 Floral Sets of four pieces...	50 to 75
49 Warren Hoe very practical	75
50 English and American..... Grass Hooks.....	25 to 55
51 Steel and Malleable Garden Rakes.....	25 to 60
52 English Lawn and Grass Scythe.....	1 50
53 English and American Spades.....	50 to 1 50
54 Latest Pattern Steel Garden Rakes.....	25 to 60
55 All styles of Shovels; large and small.....	50 to 75
56 Asparagus, Dock and Weed Digger.....	50
57 Weeders.....	50

No.	Price.
58 Waters' Tree Pruner.....	1 00 to 1 50
59 Steel Trowels.....	10 to 50
60 Cleves' Angle Trowel.....	15 to 35
61 Watering Pot.....	25 to 75
62 Watering Pot.....	1 00
63-64-65-66 Weeders.....	15 to 30
67-68-69-70-71-72 Thermometers	20 to 1 50
73 Pruning Saws.....	75
75-76-77-78-79 Brass Syringes...	2 00 to 4 50
80 Double Leaf Rake.....	65

MONARCH OF THE EAST

the

Great Floral Curiosity.



The magnificent flowers of this remarkable plant, as shown in the illustration, actually comes out of the Dry Bulb, without its being placed in soil or water. The only treatment it requires is to simply place the large, flat, round bulb in any fancy receptacle without earth or water in a warm room on table or mantel, and within two or three weeks a most curiously formed flower 16 to 20 inches long develops, of a red-trown color tipped with red and yellow, while the inner part of the flower is equally as brilliant, entirely different from any other flower known, thriving entirely upon the nourishment contained within the bulb. After flowering

the bulb should be placed in the open ground, where it throws up elegant dark green umbrella shaped foliage on a stout stalk, spotted with a granite-like color, and sometime reaches a height of three feet, which itself forms a fine ornamental subject in the garden, particularly when planted in May or June in a moist or sheltered place. In the autumn the leaf fades, when water should be lessened, and as soon as it has died off the bulb should be lifted out of the soil, cleaned up and placed in a dry condition in a warm room, when the previous year's display may be repeated. The bulb grows larger from year to year with increasing foliage.

These bulbs are imported and will arrive about October first. PRICE:

Extra large, strong bulbs, 25c each, postpaid.

STEEL TRAY BARROW.



The framework of this barrow is bolted together, and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for heavy work.

PANAMA, \$3 50. Deep Steel Tray, No. 1, \$4 50



SEED AND GRAIN TRYERS.

Large Taper Tryer, Steel Point, Nickled,	Price, \$1.25
Small Straight, " "	Brass, " 1.00
	Brass, " .75

A LIBERAL DISCOUNT TO THE TRADE.

Note Our List of Poultry Supplies on Last Page.

Buy Your Whips, Cutlery and Hardware of Us



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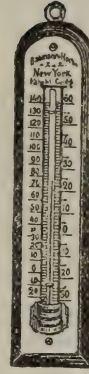


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PRUNING SAWS.



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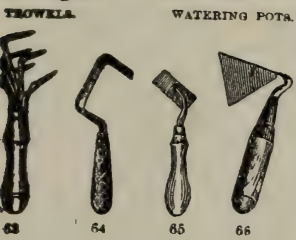


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WATERING POTS.



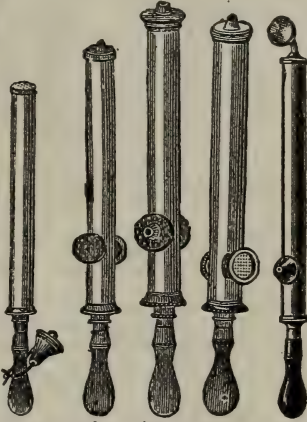
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WEEDERS.



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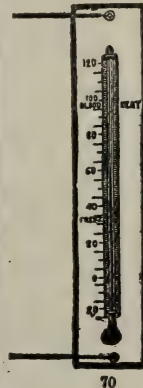
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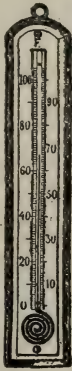
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BRASS SYRINGES.



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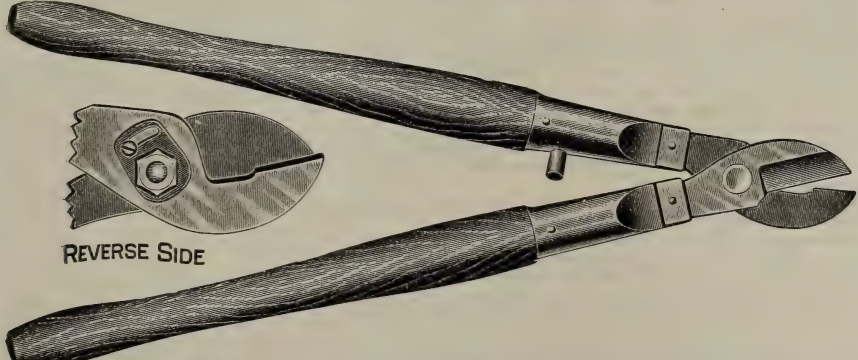
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SELF-CLEANING LAWN RAKE.

80

CRONK'S WOOD HANDLE PRUNING SHEARS.



REVERSE SIDE

This Tree or Hedge Pruner, being made with notched hook, will work easier than any other pruner of this style on the market. The blades are made of best tool steel. The blades of No. 12 are made from fine cutlery steel; extra heavy and extra long. Has seamless steel ferrules securely fastened to handles, and riveted to blades to prevent coming loose.

Price \$1.25

SELECT FLOWER SEEDS.

- Abobra** (Gourds) Beautiful variety of climbing gourd with elegant foliage. 5c pkt.
- Abronia** (Sand Verbena) Trailing, annual, sweet-scented clusters like verbena, lasting in bloom a long time; for rock-work or hanging-baskets. Height 12 inches. 5c pkt.
- Abutilon** (Chinese bell-flower or flowering maple) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.
- Acacia** Half hardy shrub having ornamental foliage, beautiful shades of yellow, globular flowers. Soak seed in warm water before sowing. Height 6 to 10 ft. Mixed 10c pkt.
- Aconitum** (Monk's hood or Wolfs bane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 5c pkt.
- Acroclinium** Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. 5c pkt.
- Adlumia** Hardy white perennial, 2ft. high, pure white double flowers, bloom from spring until frost, fine for cemetery decoration. Flowers first season if sown early.
- Adlumia** (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.
- Adonis** (Pheasant's eye) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 5c pkt.
- Ageratum** (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. 5c pkt.
- Blue Perfection** Dark blue, largest flowering, fine bedder. 10c pkt.
- Cope's Pet** Azure blue, fine light blue sort for edging, 10c pkt.
- Dwarf Princess Pauline** Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.
- Mexicanum** Lavender blue, 1 1-2 ft. 5c pkt.
- Imperial Dwarf White** Height 8 inches. 5c pkt.
- Agrostemma** (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 5c pkt.
- Alyssum** (Mad-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.
- Little Gem** (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 5c pkt.
- Sweet Alyssum** Trailing flowers, white. 5c pkt.
- Tom Thumb** Compact, dwarf, fine for edging, white. 5c pkt. 30c oz.
- Saxatile Compactum** (Basket of Gold,) handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 5c pkt. 30c oz.
- Amaranthus** Brilliant foliaged annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.
- Brilliant** Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.
- Caudatus** (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 5c pkt.
- Salicifolius** (Fountain Plant) Pyramidal, drooping habit. 5c pkt.
- Sunrise** Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3ft. 10c pkt.
- Sulphurine** Leaves dark green, bright sulphur yellow. 10c pkt.
- Tricolor** (Joseph's Coat) Leaves red, yellow and green, 3 ft. 5c pkt. 30c oz.
- Ammobium** (Winged Everlasting) Grandiflorum, Pretty Border, annual ever-lasting, flower white with yellow disc. 5c pkt.
- Ampelopsis** (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.
- Anemone** (Windflower) Hardy, perennial, large flowers, fine for bouquets. Mixed colors. 10c pkt.
- Antirrhinum** (Snap Dragon) White, yellow, scarlet, each 10c pkt. mixed colors. 10c pkt.
- Aquilegia** (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 5c pkt. Dbl. mixed 5c pkt.
- Arabis** (Rock Cress) Alpina very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.
- Arctotis** Grandis, Beautiful new annual, 2 to 3 ft. high, large strong pure white flower embellished with yellow center, of the easiest culture. 10c pkt.
- Aristolochia Sipho** (Dutchman's Pipe) A quick growing climber with large heart shaped leaves. 5c pkt.
- Armeria** (Sea pink or cushion pink) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.
- Asparagus** Plumosus Nanus Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.
- Sprengeri** One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.
- Verticillatus** Graceful, hardy perennial climber, scarlet berries. 10c pkt.
- Asperula Odorata** (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 5c pkt.
- Asters** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.
- Branching Varieties** 1 1-2 ft. high., very double, beautifully incurved. Crimson 10c, blue 10c, pink 10c, white 10c, rose 10c, mixed 10c.

Asters (Continued).

Branching Paeony Flowered In vigor of growth, size of bloom and other qualities this type is unequalled. Height about 18 inches, free branching habit with long stems. Crimson 10c, blue 10c, white 10c, mixed 10c.

Comet Beautiful with long curled petals resembling the Japanese Chrysanthemum, height 15 inches. Carmine 10c, pink 10c, blue 10c, mixed 10c.

Giant Comet Similar to the above but of stronger growth, 18 to 24 inches high. Pure white 10c, white and rose 10c.

Giant Branching Comet Very strong growth, 18 inches high, branching habit, flowers of large size on long stems. 10c pkt.

Queen of the Market The earliest flowering Aster, blooms three weeks in advance of the general run, flowers good size on long stems. Fine for cutting. Crimson 10c, pink 10c, purple 10c, white 10c, mixed 10c.

Victoria Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1 1-2 ft high. Scarlet 10c, purple 10c, blue 10c, pink 10c, white 10c.

China Mixed Very fine, all colors 5c.

Quilled Aster Double or quilled petals, fine for bouquets. 2 ft. 5c pkt.

Crown or Cocardeau Very showy, double white center, mixed colors, 1 1-2 ft. high 10c pkt.

Daybreak Grand variety of symmetrical growth and habit. 18 inches high, globe shaped, double, delicate, pink tint. 15c pkt.

Dwarf Chrysanthemum Large flowering, dwarf, double, excellent for plants and pots. Mixed 10c pkt.

Fire-Ball Magnificent, double, brilliant, deep scarlet 10c.

Japanese or Tassel Entirely distinct, new pyramidal shape, 18 inches high, long stems, flowers five inches across, wavy twisted, needle shaped petals, very graceful. Mixed 10c pkt.

Ostrich Feather Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink 15c each.

Rose flowered Large double, pyramidal, height 2 ft. Mixed colors 10c.

Snow Ball A beautiful distinct sort, short petals, pure white 10c.

Washington Splendid, very large, double, diameter 6 inches. White 15c.

Perennial Single, hardy. Does well in any garden soil. If sown early will flower in early season. 10c pkt.

Bachelor's Buttons (See Globe Amaranth).

Balloon Vine (Love-in-a-Puff) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 5c pkt.

Balsams (Lady Slipper) Double, camellia flowered type, and old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high.

Prince Bismarck Salmon, pink, double. 10c pkt. Scarlet, yellow, violet and mixed each 5c. White 10c.

Baptisia (False Indigo) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2 1-2 ft. 5c pkt.

Bartonia Showy yellow flowers, very brilliant, cannot be transplanted. 5c pkt.

Begonias Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequalled as pot-plants for winter flowering and will remain in bloom the entire year. Easily raised from seed. Double mixed 25c, single mixed 15c.

Tuberous Rooted Begonias Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produce flowers the entire summer. Double mixed 25c, single mixed 25c.

Ornamental Leaved Begonias Beautiful, variegated foliage. Mixed 25c.

Bellis Double Daisy, very handsome spring-flowering plant. 5 pkt.

Brachycome (or Swan River Daisy) Dwarf, annual, profuse bloomer, pretty blue or white flowers. 5c pkt.

Calceolaria (Lady's Slipper) Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory.

Hybrida Grandiflora, 20 inches high. Mixed, 25c.

Tigrina Large tiger spotted brilliant colors 25c.

Calendula (Pot Marigold) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.

Meteor Large double yellow, striped with orange 5c.

Orange King Large double orange red flowers 5c.

Pure Gold Fine Golden Yellow 5c.

Mixed per pkt. 5c.

Pluvialis (Cape Marigold) White daisy-like flowers, under side of petals lilac, 5c.

Calliopsis (See Coreopsis) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. 5c pkt.

Coronata Large yellow, fine for bedding 5c.

Golden Wave (Drummondii) Large golden yellow with brown center, fine for borders. 5c.

Tinctoria Golden with garnet eye 5c.

Nigra Speciosa Crimson 5c.

Campanula (Bellflower) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.

Carpatia Blue and white mixed, bloom the whole season, 6 inches 5c.

Persicifolia Grandiflora Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed 10c.

Canary-Bird Vine (Tropaeolum Canariense) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded 5c.

Candytuft (Iberis) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.

Carmine 5c.

White 5c.

Candytuft (Continued)**Crimson** 5c.**Empress** A complete mass of pure white flowers 10c.**White Rocket** 5c.**Lavender** 5c.**Mixed colors** 5c.**Perennial mixed** 10c.**Canna** (Indian Shot) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Mixed colors 10c.**Canterbury Bell** (*Campanula Media*) Sgl. mixed 5c. Dbl. mixed 5c.**Cup and Saucer** (*Calycanthema*) Fine white, blue and rose, resembling cup and saucer. 5c.**Carnation** (See *Dianthus*) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture. Dbl. mixed. 10c.**Marguerite Carnations** Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant large double, beautifully fringed, highly-scented flowers.**Mixed colors** 10c.**Caster Oil Bean** (See *Ricinus*).**Celosia or Cristata** or Cockscomb Varieties Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots.**Empress** Combs of Colossal size, known to measure 45 inches from tip to tip; rich crimson 10c**Glasgow Prize** Dark Crimson 10c.**Dwarf** 8 inches high, sometimes measure 2 ft. across 10c.**Mixed Dwarf** 5c.**Centaurea** Under this name is included the popular annuals like Corn Flower, Blue Bottle Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.**Sweet Sultans** (*Centaurea Imperialis*) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition of easy culture. Mixed colors 10c. Named colors 10c.**Giant Sweet Sultans** (*Centaurea Oderata*) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.**Chameleon** Pale yellow turning to a beautiful rose 10c.**Oderata** Reddish lavender, very fragrant 10c.**Margarithæ** White 10c.**Cheiranthus** (See Wall Flower) Mixed 5c pkt.**Chrysanthemums** Annual sorts, showy, effective garden favorites. Dbl. mixed 10c pkt. sgl. mixed 10c pkt.**Cineraria** Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed-pans to thumb-pots. For transplanting, plant in a cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.**Dwarf Mixed** 25c per pkt.**Tall Mixed** 25c per pkt.**Double Flowering** 25c per pkt.**Stellata** (Star Cineraria) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and very useful for cutting. 35c.**Cineraria** (White Leaved Sorts)**Dusty Miller** Fine for bedding and margins, valued for their beautiful, downy, silvery foliage, half hardy perennial; 2 ft.**Maritima Candidissima** Silvery foliage 5c pkt.**Acanthifolia** Silvery foliage 10c pkt.**Clematis** Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.**Cliaanthus** (Australian Glory Pea) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.**Cobea** (Cups and Saucers Vine) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.**Purple** 10c pkt. pure white. 10c pkt.**Coccinea Indica** (Scarlet-fruited Ivy-leaved Climber) Handsome, annual, gourd species with beautiful glossy ivy-like leaves, contrasting with the fine snow white bell-shaped flowers and bright carmine fruit. 10c pkt.**Coleus** (Flame Nettle) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 10c pkt.**Convolvulus** (Morning glory) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz. 5c pkt. Dwarf per oz. 15c. 5c pkt.**Coreopsis** (See *Calliopsis*) A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 5c pkt.**Cosmos** Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth., 2 1-2 to 4 ft. in height.**Crimson**, 5c.**Pink** 5c.**White** 5c.

Cosmos (Continued)

Mixed 5c pkt.

Dwarf 5c pkt.

Cucurbita (See Ornamental Gourd)

Cyclamen Charming plant with richly colored foliage, fragrant flowers. Great favorites for winter or spring. Sow in spring or autumn.

Persicum Choicest mixed. 15c pkt.

Pure white, dark red, rose each 25c pkt.

Cyperus (Umbrella Plant)

Alterdifolius Excellent for growing in water or damp places. Very ornamental house plant. 10c.

Cypress Vine (Ipomaea Quamoclit) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

White 5c pkt.

Scarlet 5c pkt.

Rose 5c pkt.

Mixed colors 5c pkt.

Dahlia One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

Double, finest mixed 10c.

Single, finest mixed 10c.

Single Tom Thumb, dwarf, 1 ft. 10c.

Datura (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sgl. 10c pkt.

Delphinium (Perennial Larkspur) One of the handsomest hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

Zalil (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.

Formosum Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 5c pkt.

Nudicaule Large scarlet flower; 1 1-2 ft. 10c pkt. Mixed finest single 5c pkt.

mixed 10c pkt.

Dianthus or Pinks A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuale may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.

Double Annuals

Chinensis Fl. Pl. (China or Indian Pink). Mixed colors 10c.

Heddeewigi Fl. Pl. (Japan Pink) Double mixed 10c.

Snowball Double white, fringed, very fine 5c pkt.

Imperial Fl. Pl. (Double Imperial Pink) Mixed 10c.

Salmon King A double flowering variety, finely fringed flowers of a brilliant salmon color 10c. changing as they fade to a salmony-rose; charming for beds or borders. 10c pkt.

Single Annuals All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.

Heddeewigi Nobilis (Royal Pink) Beautifully fringed, colors run from white to dark red 10c.

Heddeewigi (Japan Pink) 10c.

Laciniatus Fl. Pl. (Double Fringed Pink) Large, double, showy flowers, with fringed edges and beautifully striped; mixed various colors. 5c.

Hardy Garden Pinks The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.

Semperflorens (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 25c.

Dianthus (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

Fine Double Mixed The best for garden culture 10c pkt.

Marguerite These are the most popular of carnations with the amateur, as they begin flowering within a few weeks from the time of sowing. Our strain is of semi-dwarf, robust habit requiring no artificial support, and produces on long strong stems an abundance of large double, beautiful fringed, highly scented flowers. Separate colors 10c. Mixed, all colors, Marguerite Carnation 10c.

Didiscus Very pretty annual, blooms profusely from July to November, pale lavender blossoms excellent for cutting. 15c pkt.

Digitalis (Foxglove) Handsome ornamental hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 10c pkt.

Dolichos (Hyacinth Bean) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental, mixed colors. 10c pkt.

Dracæna (Dragon Plant) Fine ornamental leaved plant. Mixed colors. 25c pkt.

Echinocystis (Wild Cucumber Vine) Quickest growing vine known, fine for covering trellises, fences, etc. 5c pkt.

English Daisy (Bellis Perennis) A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high.

Dbl. mixed, finest quality 10c. Red, white or pink 10c.

Erigeron (Flea-bane) An attractive, asterlike flower, 1 inch across, purplish-rose with golden center, hardy perennial, blooms first year from May until frost if sown early. 20c pkt.

Eryngium (Sea Holly) Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.

Eschscholtzia (California Poppy) Fine annual for beds, border or masses, bloom until frost; 1 ft. Sgl. mixed 5c pkt. dbl mixed 5c pkt.

- Euphorbia** Strong, tall-growing annual, attractive foliage. 10c pkt.
Forget-me-not (See *Myosotis*) 5c.
Four o'clock or *Mirabilis* 5c.
Fox Glove (See *Digitalis*)
Fuchsia (Lady's Eardrops) Well-known sort of easy culture, for house or garden, mixed colors. 25c pkt.
Gaillardia (Blanket Flower) Splendid showy annual, remarkable for profusion, size and brilliancy of flower, bloom until frost, fine for beds, borders or cutting; 1 1-2 ft. Mixed colors, annuals 10c pkt. Mixed colors, perennials, 5c pkt.
Geranium (*Pelargonium*) Double mixed, fine color 30c pkt.
Globe Amaranth (*Gomphrena*) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft. mixed colors. 10c pkt.
Gloxinia A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.
Godetia An attractive, hardy annual, profuse, showy flowers of varied colors; 1 1-2 ft. Mixed colors. 10c pkt.
Gourds Ornamental (*Cucurbita*) Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 5c pkt.
Grasses, Ornamental These serve the double purpose of rendering mixed flower-beds or borders attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.
Arundo Donax (Great Reed) Hardy perennial. 10c.
Briza Maxima Fine for grass bouquets. 5c.
Bromus Brizaeformis Graceful, drooping perennial. 5c.
Coix Lachrymae (Job's Tears) Broad, cornlike leaves, annual. 5c.
Erianthus Ravennae (Hardy Pampas) Beautiful perennial. 5c.
Gynierum Argenteum (Pampas Grass) Perennial, blooms the second season. 10c.
Stipa Pennata (Feather Grass) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 5c.
Gypsophila Pretty, free-flowering plant for rock work, edging, etc. Mixed colors. 5c pkt.
Helianthus (See Sunflower)
Helichrysum (Straw Flower) Fine, everlasting double flowers, fine for display; hardy annuals 2 ft. Mixed colors. 5c.
Heliotrope (Cherry Pie) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.
Hibiscus (Marshmallow) Showy, perennial plant with large beautiful colored flowers; 1 1-2 ft. Mixed colors. 10c.
Hollyhocks One of the most majestic of hardy plants, so well known that it needs no further description.
 In separate colors. 10c.
 Choice single mixed colors. 10c.
 Choice double mixed. 10c.
Honesty (Moonwort Satin Flower) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.
Humulus (Japanese Hop) Ornamental, fast-growing climber resembling the common hop. 10c
Impatiens (Sultans or Zanzibar Balsam) Charming plant for decorating greenhouse or dinner table, producing bright, waxy looking flowers. Mixed colors. 25c.
Ipomoea Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.
Coccinea (Star Ipomoea) Small scarlet flowers 5c.
Bona Nox (Evening Glory) Violet, large fragrant flowers, expanding in the evening. 5c.
Rubra Cœrulea (Heavenly Blue) Bright sky blue. 10c.
Grandiflora (Moon Flower) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber, 10c.
Job's Tears (*Coix Lachrymae*)
Kenilworth Ivy (See *Linaria*)
Kochia Tricophylla or **Burning Bush** 10c pkt
Lady Slipper (See *Calceolaria*)
Lantana One of the most desirable half-hardy perennials, constantly in bloom, verbenalike heads of orange, white, rose and other colors; 2 to 5 ft. Mixed colors 10c.
Imperial Japanese This variety without question the handsomest of all Morning Glories. Sow in good soil as soon as weather permit, a strong vigorous climber, flowers of gigantic size, remain open most of the day. The colorings are beyond description. Choice mixture 10c.
Larkspurs (See *Delphinium*) One of the best known garden flowers, hardy annuals
Dwarf Rocket 1 ft. Mixed colors 10c. Dbl. mixed 10c.
Double Stock Flowered Tall branching sort; 2 ft. 5c.
Lathyrus (Everlasting or Hardy Sweet Pea) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 5c pkt.
Lavender (*Lavandula Vera*) Well-known, sweet-scented, hardy perennial; 3 ft. 5c pkt.
Linaria (Kenilworth Ivy) Charming small, hardy perennial, trailing plant. 10c pkt.
Linum (Scarlet Flax) A very showy bedding plant, brilliant scarlet, excellent bloomer, hardy perennial; 1 ft. 5c pkt.
Lobelia (Cardinal Flower) Popular flowering plant for pots, hanging baskets, etc. Bloom profusely from June to November, hardy perennial.
Crystal Palace Rich deep blue. 10c pkt.
Crimson, white or blue 10c pkt. Mixed colors 5c pkt.
Hardy Perennial Lobelias (Cardinal Flower) Brilliant scarlet; 3 ft. 10c pkt.
Lophospermum Beautiful climbing plant, trumpet shaped flower, 10 ft. 10c pkt.
Lupinus Ornamental free-flowering annual, various colored, pea-shaped flowers; 2 ft. 5c pkt.
Lychuis Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors 10c.
Marigold (See *Tagetes* also *Calendula*, French Varieties) An old favorite, free-flowering.
Double Yellow 10c pkt.

Marigold (Continued)**Single Yellow** 10c pkt.**Mixed colors** 5c pkt.**African varieties****Double yellow** 10c pkt.**Large African Tall**, double yellow; 2 ft. 5c pkt.**Signata Pumila** A dwarf, compact, bushy annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.**Matricaria** (Feverfew) Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl white 10c pkt.**Maurandia** Beautiful, slender-growing Climber, half-hardy perennial; 10 ft. Mxd colors 10c.**Mesembryanthemum** (Ice Plant) Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 5c pkt.**Mignonette** (Reseda) A popular favorite, sown in April and again in July, will keep up a succession of bloom until frost; also suitable for pots, very fragrant, [orange] 5c pkt.**Golden Machet** 10c.**Miles** Spiralspike; 8 to 10 inches long, very fragrant. 5c.**Improved red** 5c.**White** Very fragrant. 5c.**Sweet-scented** Old popular variety, small spikes, very fragrant. 5c.**Mimosa** (Sensitive Plant) A curious, interesting annual with pinkish-white flowers, leaves close and droop when touched or shaken. 5c pkt.**Mimulus** (Musk Plant) Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. 5c pkt.**Tigrinus** (Monkey Flower) Spotted variety. 5c.**Moschatus** (Musk Plant) Fine for hanging baskets, small yellow flowers, fragrant foliage. 5c.**Palustris** The true forget-me-not, beautiful blue flower; 6 inches. 10c.**Mirabilis** (See Four o'clock) 5c pkt.**Momordica** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 5c.**Morning Glory** (See Convolvulus)**Musa Ensete** (Abyssinian Banana) A splendid plant for open ground, producing a most striking effect when planted singly or in groups, thrives best in hot seasons, growing very large, 10 to 20 ft, especially when freely supplied with liquid manure. Seeds germinate easily if started in hot bed; tender perennial. 25c.**Musk Plant** (See Mimulus)**Myosotis** (Forget-me-not) A pretty, small, double, aster-like flower, half-hardy perennial, blooms first year if sown early, bright blue; 6 inches. 5c.**Nasturtium** (Tropaeolum) For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frost comes. Tall Climbing Sorts. Crimson 5c, lilac 5c, yellow 5c, white 5c, purple 5c, rose 5c, mixed 5c.**Lobb's Climbing Nasturtiums** Scarlet, white, red. 5c each.**Tom Thumb** No collection of flowers should be without Nasturtiums, they grow so freely and afford such a variety of rich bright colors. As a cut flower there is nothing more effective sweet-scented and pleasing in every way.**Tall** Varieties mixed. 10c oz. 5c pkt.**Dwarf** Varieties mixed. 15c oz. 5c pkt.

Our mixture of Nasturtiums is the finest in the country.

Nasturtium Dwarf Aurora, very fine 5c pkt.

" " Beauty, yellow and scarlet, 5c pkt.

" " Bronze, 5c pkt.

" " Cardinal (Dark scarlet) 5c pkt.

" " Cloth of Gold (Light foliage) 5c pkt.

" " Crystal Palace dwarf, 5c pkt.

" " Empress of India (Dark leaves) 5c pkt.

" " King of Tom Thumb, 5c pkt.

" " King Theodore, very dark, 5c. pkt.

" " Ruby King, 5c. pkt.

" " Flammulum, Grandiflorum, tall. Scarlet and yellow, extra fine, 5c pkt.

Nicotiana (Tobacco Plant) Delightful, sweet-scented, pure white tubular flower, blooming continuously; annual; 2 to 3 ft. 5c pkt.**Nigella** (Love in a Mist, or Devil in the Bush) A compact, free-flowering plant with curious looking flowers and seed-pods; of easy culture; hardy annual; blue and white mixed; 1 ft. 5c pkt.**Ornamental Grasses** (See Grasses)**Pansies** Are so well known that no description is necessary. Sow early and transplant. Our pansies are imported direct from the grower and are equal to the best that are offered.

Fine mixture of leading shades and colors 10c.

Extra choice mixture of best large flowering varieties, 25c.

Giant Trimardeau Pansies

Fine mixed 10c.

Cardinal, fine scarlet, very showy 10c.

King of the Blacks 10c.

Golden Yellow 10c

Emperor William 10c.

Light Blue 10c.

Snow Queen 10c

Pure Yellow 10c.

Violas or Tufted Pansies While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. 10c.

- Passiflora** (Passion Flower) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.
- Pentstemon** (Beard-Tongue) One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. mixed colors 10c
- Perilla** Foliage a dark purple, annual; 2 ft. 5c pkt.
- Petunia** For outdoor decoration or house culture few plants equal the Petunia. Commence flowering early and continue a mixture of bloom until killed by frost, easily cultivated, requiring a good soil and sunny position.
- Superb double fringed.** 50c.
- Double Large Flowering** fine mixture. 25c.
- Single Varieties**
- Ruffled Giant** Very large, in great variety of colors 25c
- Fringed Giant**, Very fine. 35c.
- Snowball** Pure white. 10c.
- Striped and Blotched** Small flowering. 5c.
- Fine mixed, all colors. 10c.
- Phlox Drummondii** Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.
- Phlox Drummondii** Mixed colors. 5c pkt.
- White 10c, pink 10c, rose 10c, scarlet 10c, red 10c.
- Dwarf Phlox** This strain of dwarf, compact habit, makes a desirable pot plant, also for ribbon lines and massing; 6 inches high.
- Scarlet, white, pink, mixed colors 10c.
- Double Phlox** Especially fine for cut flowers, lasting better than the single sorts. Sow in light soils. Mixed colors 10c.
- Star Phlox** (Star of Quedlinburg) Dwarf, pretty star-shaped flower. Mixed colors 10c.
- Hardy Perennial Phlox** All colors, mixed 10c.
- Pinks** (See Dianthus)
- Poppies** An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.
- Single Annual Poppies** Shirley's selected Strain 10c, scarlet 5c, white 5c.
- Plume Poppy** 14 inches high, producing many large tulip-shaped scarlet flowers 10c Single mixed 5c.
- Oriental Poppy** Perennial, exceedingly showy, scarlet with black centre. 10c pkt.
- Double Annual Poppies** Mixed colors 5c.
- Pæony Flowered** Large showy, double mixed colors 5c.
- Portulaca** (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.
- Primula** Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May.
- White 50c pkt. scarlet 50c pkt. pink 50c pkt. crimson yellow eye 25c pkt. mixed colors 25c pkt. Double white 50c pkt. Double mixed 50c pkt.
- Primula** (Oboonica Grandiflora) On single white, slight tinge of lilac. Everblooming. 10c pkt
- Pyrethrum** Handsome herbaceous plants of easy culture so much used for bedding edging etc.
- Aureum** (Golden Feather) Bright yellow foliage, 10c.
- Double mixed 25c, single mixed 10c.
- Roseda** (See Mignonette)
- Rhodanthe** (Swan River Everlasting) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 5c.
- Ricinus** (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors. 5c.
- Philippiensis** 10 ft. 5c.
- Salpiglossis** (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts 5c pkt.
- Salvia** (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.
- Splendens** (Scarlet Sage) Beautiful bright scarlet. 10c pkt.
- Patens** (Blue Sage) 5c.
- Scabiosa** (Mourning bride or Sweet Scabious) A very handsome and autumn border plant with great profusion of very double flowers. Splendid for table bouquet; hardy annual; 2 ft. Double mixed. 10c pkt.
- Scarlet Runner Beans** Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 5c pkt.
- Schizanthus** (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed. 5c pkt
- Smilax** (Mysiphyllum Asparagoides) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; white; 10 ft. 10c pkt.
- Solanum** (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries 1 ft. 10c pkt.
- Snape dragon** (See Antirrhinum)
- Stocks** (Gilliflower) The stock is one of the most popular annuals, either for bedding or pot culture, for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

Stocks (Continued)

Large Flowering 10-Weeks Stocks Red 10c, blue 10c, pink 10c, purple 10c white 10c, yellow 10c, mixed colors 10c.

Cut-and-come-again 10-weeks stock Splendid perpetual blooming class. Sow March or April. They begin flowering in June, continuing until frost, and are especially valuable from September to October when other flowers are scarce. They throw out numerous side branches, all bearing fine double flowers. Excellent for cutting. White 10c, rose 15c, red 15c, blue 15c. Fine mixed colors. 10c pkt.

German Stocks Half-hardy biennial, double flowers; 2 ft. Mixed colors. 10c pkt.

Sunflower Remarkable for their stately growth, size and brilliancy, making a very showy effect among shrubbery and for screens. Single sunflowers are indispensable for cutting. Sow in a sunny spot in April or May. They come into bloom early in summer and keep up a constant supply of flowers until cut down by frost. 5c pkt. Single dwarf or miniature sunflower 10c pkt. Giant Sunflower, 8 ft. 5c pkt.

SWEET PEAS Ebeling's cream of the named Sweet Peas. This is a select list of giant-flowering varieties. We have discarded all small-flowering sorts and duplicates under different names.

America Crimson scarlet, striped on white, large size. 5c pkt. 10c oz.

Blanche Ferry Extra early. The popular pink and white. Comes into flower ten days earlier than others. 5c pkt. 10c oz.

Dorothy Eckford The grandest, pure white; very large, producing enormous mass of blooms. 5c pkt. 10c oz.

Gorgeous Brilliant orange salmon. 5c pkt. 15c oz.

King Edward VII Bright red, giant flowering, very fine, strong stems. 5c pkt. 10c oz.

Lady Griseld Hamilton The finest pale lavender. 5c pkt. 10c oz.

Lottie Eckford White shaded lilac, white shaded, and edged lavender blue. 5c pkt. 10c oz.

Lovely Warm rose, pink, large and extra fine. 5c pkt. 10c oz.

Modesty White, with tint of pink showing a little deeper on the edges. 5c pkt. 10c oz.

Navy Blue Deep indigo blue, medium size. 5c pkt. 10c oz.

Othello Deep maroon, very dark maroon, fine form and large size. 5c pkt. 10c oz.

Prima Donna Soft pink; a magnificent rich, pure pink; very fine. 5c pkt. 10c oz.

Prince of Wales The finest bright rose. 5c pkt. 10c oz.

Emily Eckford Newly opened. Blossoms are rose purple, which soon change to rose lilac with suggestions of blue. The whole blossom matures into a decided blue. 5c pkt. 10c oz.

Firefly Bright red, very handsome. Wings frequently show tint of crimson. 5c pkt. 10c oz.

Mrs. Eckford Light primrose, large size, semi-hooded form, of the best type. 5c pkt. 10c oz.

Mont Blanc Pure white, very early, medium size. 5c pkt. 10c oz.

Sadie Burpee Pure white, large size, very fine. 5c pkt. 10c oz.

Double Flowering Sweet Peas Finest mixed colors. 5c pkt. 10c oz.

Sweet Peas Mixed Price, 5c pkt: 10c oz; 20c 1-4 lb; 60c lb. Our mixture of sweet peas are mixed under our personal supervision and contain all of the very best named sorts known to the trade, and we confidently offer them to most careful and critical buyers. A finer mixture cannot be found.

Sweet Rocket (Hesperis) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high, with spikes of showy white, lilac and purple fragrant flowers; fine for shrubbery and permanent border; mixed colors. 5c pkt.

Sweet Sultan See Centaurea.

Sweet William (London Tufts) A well-known attractive free-flowering hardy perennial, fine for beds and shrubbery; 1 1-2 ft. Sgl. mixed 5c. Double mixed 5c pkt.

Tagetes (See Marigolds and Calendula)

Signata Pumila A dwarf, compact, bushy, annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant 5c pkt.

Thunbergia (Black-eyed Susan) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white orange, etc., with dark eyes; mixed colors 5c pkt.

Torenia Fine annual; splendid plant for vases, hanging baskets, borders etc., blooming the entire season. Blue, white, and yellow. 10c pkt.

Tritoma (Red Hot Poker Plant) Readily grown from seed. Will bloom first year if sown early. Tritomas are becoming very popular for bedding plants and cut flowers; hardy perennial; 4 ft. Vary in color from light and deep orange, salmon and carmine. 10c pkt.

Tropaeolum (See Nasturtium)

Verbenas One of the most popular and free-blooming varieties and so well known that a description of this variety is unnecessary. Half-hardy perennial; easy of culture; sow early and transplant when weather permits. Fine for beds, baskets, rockeries, etc. Scarlet 10c, variegated 10c, white 10c, mixed colors 10c.

Viola (See Pansies)

Vinca (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter, 2 ft. Rose 10c, white 10c, mixed 5c.

Wall Flower (See Cheiranthus) Half-hardy perennial, 1 1-2 ft high. Mixed 5c pkt.

Wild Cucumber (See Echinocystis.) 5c pkt.

Wild Flower Garden 5c pkt.

Zinnias (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Dwarf double white, orange scarlet, rose, etc. 5c. Tall double mixed 5c. Dwarf single mixed 5c.

NURSERY STOCK--ORDERS TAKEN. TREES, SHRUBS, ROSE BUSHES STRAWBERRY AND RASPBERRY PLANTS. We have made arrangements with a reliable nursery firm through whom all orders will be promptly executed.

SPRING PLANTS, BULBS AND ROOTS.

	PER DOZ.		PER DOZ.		PER DOZ.
Cauliflower Plants	25 cts	Root Celery Plants	"	Aster Plants	35 "
Cabbage "	10 "	Sweet Marjoram "	"	Stocks "	35 "
Tomato "	25 "	Sage Plants	"	Petunia "	50 "
Egg Plant "	50 "	Summer Savory	"	Snapdragon "	40 "
Pepper "	25 "	Thyme	"	Beautiful Japanese Fern	
Kohlrabi "	"	Verbena Plants	50 "	Balls each	75 "
		Pansy "	30 "		

CACTUS DAHLIAS—Strahlen Kron—Intense cardinal red, long, twisted petals and profuse bloom. Earl of Pembroke, rich plum color. **QUILLED DAHLIAS**—A. D. Lavonia, beautiful clear pink, perfect form, one of the best. Purple Gem, flowers perfectly quilled, dark purple. **DECORATIVE DAHLIAS**—Blue Oban, the nearest to a blue dahlia. Marguerite Queen, large flowers of Marguerite color, double, profuse bloomer. Price, 15c each, two for 25c, \$1.25 a doz.

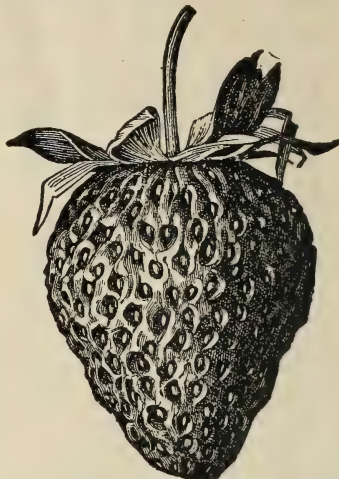
Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.

Selected Fall Bulbs in their Season, Our Own Direct Importation from Holland.

Christmas Holly, Holly Wreathes, Ground Pine, Mistletoe, in Season.

FLORISTS' SUNDRIES.

Self Registering Thermometers	Hanging Baskets
Tin Foil	Flower Supports
Green Moss	Plant Stands
Florist Letters	Trellisses
Raffia and Reed	Shears
Immortelles	Scissors
Mastica	Fine Outlery
Plant Labels	Syringes for Plants
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Bulb Syringes	Sharpening of Shears, etc.
Glazing Points	Lawn Seed and Fertilizers
Flower Pots	Bird Supplies
Hyacinth Glasses	Wire Plant Supports
	Silkline, per spool, 30 cts.

**STRAWBERRY PLANTS.**

We are pleased to announce that we can furnish choice thrifty **STRAWBERRY** and **RASPBERRY** Plants of all the leading varieties and recommend them to our customers.

Strawberry Plants 75c per 100; Raspberry Plants \$1.50 per 100

Leave orders early.

BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. We can save you money on berry baskets if you place orders early. Call and see us before buying.

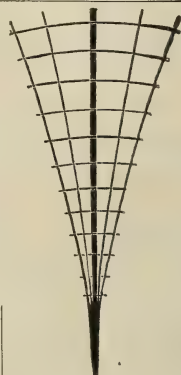
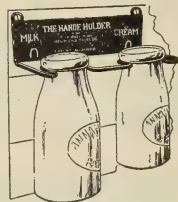
\$3.00 \$2.00 \$1.50
FLOWER TUBS \$1.50 TO \$4.00



Flower Pots, Hanging Baskets, Fern Pans, Lily Pans

TRELLISES, URNS, VASES, SETTEES.

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.

**THE HANDE HOLDER.**

Here's the holder outside the kitchen door with the bottles ready when you come. You have just taken an empty from the left retainer and find an order under "MILK," for one pint. Behind the other bottle is a ticket telling how much cream and paying for it. Both bottles are **READY** and **CLEAN**, no dust blown in, no rain or soot, all you have to do is to take the tickets and hang up your sealed bottles as ordered and your route is finished mighty early, your customers are paying in advance for tickets, your bottles are clean and don't get broken or gathered in quantities at every house.

CAPITAL LAWN TRIMMER



For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower. Cuts within one-fourth of an inch of the edge.

Has a revolving cutter with four crucible steel blades, tempered in oil and cuts six inches wide.

It has an adjustable guide wheel in front opposite the drive wheel, with an adjustable wood roller in the rear to adjust the height of cut and balance the machine, making it run steady. It will cut as high as 1 1-4 inches, and as close as one-half inch to the ground. Price, \$6.00.

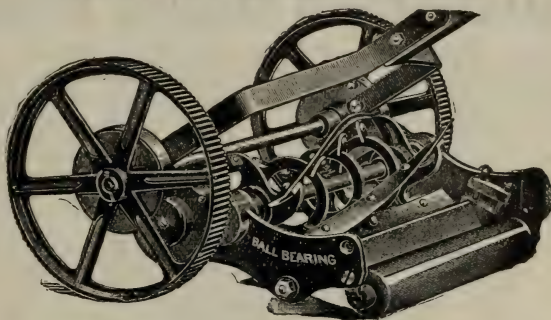


DUNHAM LAWN ROLLERS, Roller Bearing,

Are infinitely superior to other rollers. They tower above all others in efficiency, being 44 per cent. lighter running than any other roller on the market by actual tests. With a Dunham a boy can do the work that requires a man's strength with other rollers of the same weight.

200 lbs. \$10.00 250 lbs. \$12.00
300 lbs. \$13.00.

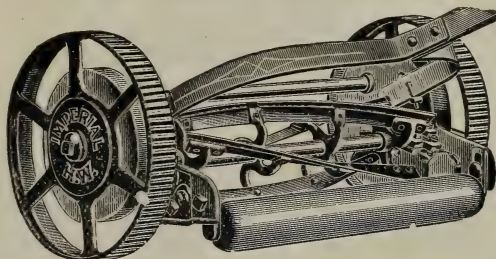
FOREST CITY BALL BEARING.



This unquestionably is the Best BALL BEARING MOWER on the market. Perfect in detail, absolutely guaranteed.

15 inch	-	\$10.00	19 inch	-	\$12.00
17 "	-	11.00	21 "	-	13.00

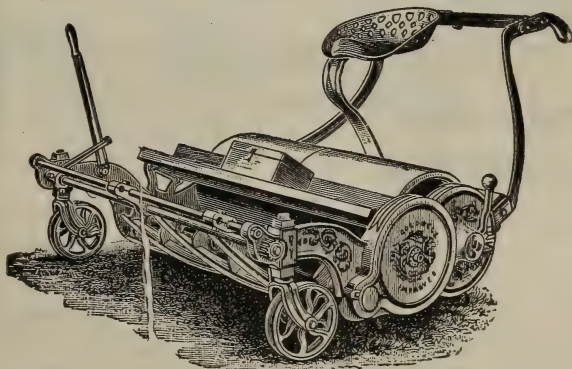
HIGH WHEEL IMPERIAL.



Absolutely Warranted for Two Years. Positive Adjustment. Has no Equal. In Public Parks, Private Lawns and Cemeteries everywhere. Ask for Special Catalogue.

16 inch	-	\$ 9.00	20 "	-	12.00
18 "	-	10.00	22 "	-	13.00

IMPERIAL HORSE LAWN MOWER.



PRICE, \$55.00 AND UP.

Absolutely Guaranteed to Cut Clean in turning around. Send for Catalogue.

MASTICA FOR GLAZING GREENHOUSES, SASHES,

Etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every green house man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" you can bed in or use outside with machine.

Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side.)

Price of Mastica $\frac{1}{2}$ gal. 65c., gal. \$1.25. We are Sole Agents for Central New York.



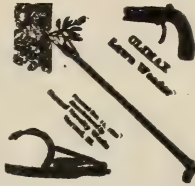
MASTICA
GLAZING
MACHINE.

PRICE \$1.25.

GARDEN AND LAWN HOSE.

We carry a full line of 1-2 and 3-4 inch Hose of various grades from 8c to 20c per foot.

HOSE REELS at \$1.25



CLIMAX HANDY WEEDER!

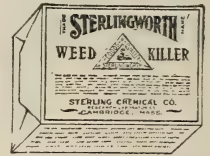
CUT UP!
PULL UP! PICK UP!

PRICE 75c.

STERLINGWORTH WEED KILLER.

Sterlingworth Weed Killer is the most satisfactory and powerful weed killer, compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass, (including milk weed and witch grass), briars, burdock, dandelions, daisies, thistles, poison ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon covers three to four square yards. Full directions on each package.

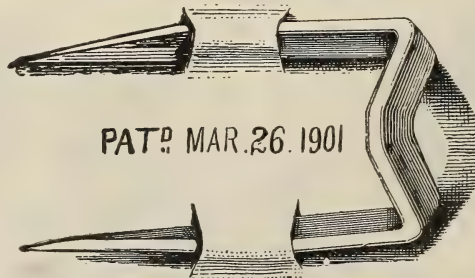
Prices: 1 lb. package makes 10 gallons, covers 45 to 60 sq. yds., 50 cents.
3 lb. package makes 35 gallons, covers 130 to 180 sq. yds., \$1.25.
5 lb. package makes 75 gallons, covers 300 to 400 sq. yds., \$2.00.



THERE ARE OTHERS
BUT NONE LIKE

THE PEERLESS GLAZING POINT

A new name and a
new point.



A Few of its
Good Points.

No raising up when driven. No Rights. No Lefts. No Sliding. No Trouble to apply. Cheap. Indestructible. Once used, always used. Try them once
PRICE 60c per 1000

CARBORUNDUM SCYTHE STONES

Do away with the grinding of a scythe altogether. They produce a clean, sharp edge and do it faster and easier than it could be done on the best grindstone ever made.

Carborundum Scythe Stones must not be classed with the ordinary scythe stones that you have been accustomed to. The old style stones are merely sandstone and are of very little use. They simply RUB the edge into shape—Carborundum CUTS it—cuts it fast and clean and puts an edge on your scythe that will be a revelation to you. **Price, 25c.**

**LOWELL FOUNTAIN COM-
PRESSED SPRAYER.****Aluminum Finish.****BETTER THAN EVER.**

Does not require constant pumping like other sprayers.

One charge is sufficient to expel entire contents of tank.

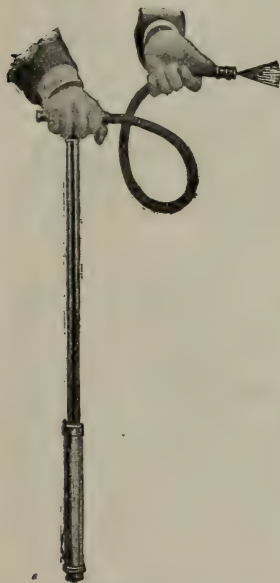
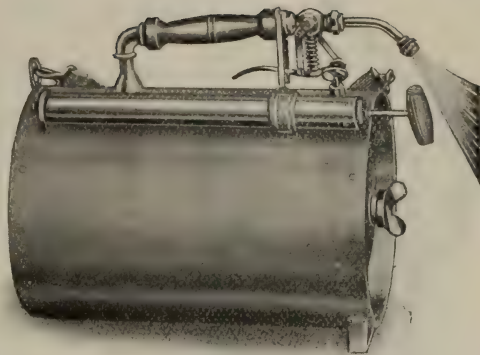
New Automatic Thumb Lever Valve shuts off instantly.

No packing or springs to wear out in the valve.

All working parts made of heavy brass casting.

Strongest Sprayer made. Will stand five times the air pressure necessary to operate.

Capacity of tank three gallons. Price \$5.00

**ROCHESTER
SPRAY PUMP.**

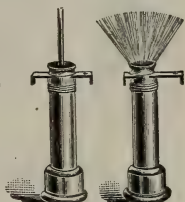
Something entirely new and which completely revolutionizes the old style sprayer. Made entirely of metal with a nozzle that will not clog.

Price \$2.50**GUARANTEED TO OUTSELL AND OUTLAST ANY HAND PUMP EVER MADE.**

Special attention is called to the new "Kant-Klog," the only nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the tree. The first and only nozzle ever made which gives both flat and round sprays, or solid sprays.

**SPRAYING NOZZLES.**

"Vermorel," "Lilly," "Gem," Boston "Mistry," "Fairly."

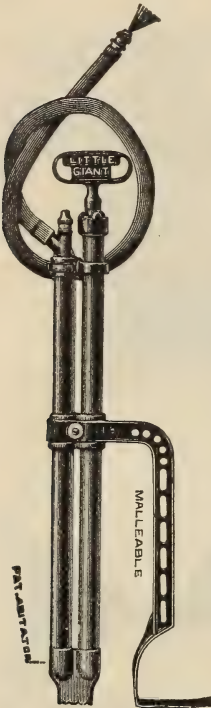
Price, 50 Cents and Upward.

Junior No. 5.

**SYRINGES---\$1.00, \$2.25, \$3.00, \$4.50****INSECTICIDES.**

Bug Death, 15, 35, 50c	1.00	Whale Oil Soap and Tobacco	Lambert's Death-to-Lice
Kerosene Emulsion, 35, 1.00	1 lb. 15c; 5 lbs. 60c		10, 25, 50, 1.00
Black Stuff Tobacco Powder, .10	Tobacco Soap per pkg .25 and .50		Persian Insect Powder per lb .50
Nicotide, per bottle - 2.00	Tobacco Stems, - - -		Jumbo Powder Gun, .25
Tobacco Dust, lb .10	Soluble Fir Tree Oil, 50c. .75		Cooper's Sheep Dip, pkg 50, 2.00
Sulpho Tobacco Soap, .10 and .25	Whale Oil Soap, per pkg 5, 10, 20		Eureka Fumigator, 1.25
Black Stuff, Tobacco Powder, per lb .10	Fir Tree Oil Soap, per pkg .30		Eureka Weed Killer, per can 1.50
Whale Oil Soap, . . . 10, 15, 25	Weedicide, per gal - - - \$1.50		London Purple, per lb .40
Whale Oil Soap in bulk, . 6c	lb Slug Shot, per lb - - - .06		Hellebore, per lb .30
			Paris Green, .30

"BUY YOUR HARDWARE, CUTLERY, GLASS and PAINTS OF US."



RUMSEY SPRAY PUMP.

Best on the Market.

With 3 ft. of 1-2 in discharge hose and
"Lilly" Nozzle.

Can be used for washing windows, car-
riages, etc.

Also used for white washing hen houses,
stables, etc.

Price, - - - \$5.00



Rumsey's Superior Double-Acting Spray Pump.

This represents our new Double Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered.

Made in one size only. Price \$7.00



Price \$3.00 Myers Bucket Brass Spray Pump, with agitator, complete with Hose Combination, Fine and Coarse Spray and Solid Stream Nozzle.



KINNEY Liquid Pump.

For applying liquid manure this pump has no equal. This pump is also used for spraying, for tempering water, to water with, and for drawing water out of furnace pits. One of these will last a lifetime.

Price, \$2.50

Dominion Dairymen's Cleanser and Cleaner

Is one of the progressive articles that's all right. State Dairy Schools say it is. Pure Food and Milk Inspectors say it is. Thousands of butter and cheese makers say it is, and every housewife who makes its acquaintance also says it is. Such a recommendation tells its own story. Can you not hear from you with an order enclosed? Sold only in barrels 50-5 lb sacks at \$9.00, or 25c for 5 lb sack.

A writer says that his place was overrun with rats until he hung peppermint about the premises, which drove them away at once. The remedy is a simple one and well worth a trial.

COOPER'S SHEEP DIPPING POWDERS

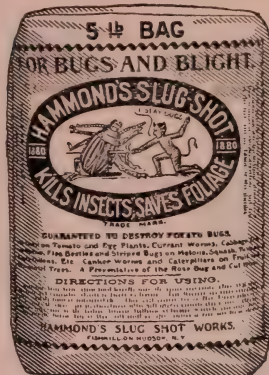
The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well-known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "COOPER" is found far superior in every way.

Price 50c and \$2.00





Package \$1.25, and it saves the Crop.



Thirty Cents a Package.



\$6.25 a Keg, with Duster.

F. H. EBELING, Syracuse, N. Y., has sold SLUG SHOT for nearly thirty years, and same is fully guaranteed.

== Implements for Applying Slug Shot Economically ==



Gallon dusters.

½-gal. duster. Canister.

These are thoroughly well made implements, *with very fine openings*, allowing the economical and even distribution of Slug Shot over Potatoes, Cabbage, Turnips, Radishes, Beans, Melons, Cucumbers, Currant or Gooseberry bushes, Parsnips or Strawberries. Canisters are sold filled with SLUG SHOT; large dusters are empty.

BENJAMIN HAMMOND, FISHKILL-ON-HUDSON, N. Y.

"HORICUM"

TRADE MARK



SAN JOSE SCALE ON A PEAR

**KILLS SAN JOSE
SCALE.****"HORICUM"** Old Reliable
It Sticks On

Trade Mark

This preparation is Lime, Sulphur and Salt, a concentrated Poly-sulphide of Calcium. Salt adds to adhesive properties, but the destructiveness of Scale Life lies in the Calcium Sulphide. ¹⁸⁸⁷ Aside from its ability to destroy San Jose Scale, HORICUM is a Fungicide, preventing the free development of fungoid troubles.

Shake the package thoroughly or take the top off. The color in its concentrated form is a deep bronze green. **DO NOT POUR OFF THE CLEAR LIQUOR ONLY**—stir the Horicum from the bottom of the package. For a strong dilution when the growth is dormant, use 16 parts of water and spray thoroughly. By grading your dilution you make it any desired strength. There is no magic in killing bugs. We have been on the job 45 years. Barrels of 50 gallons; gallons and quarts for small needs; kits, 10, 5, 3 and 2.

1 Quart, 40c.; 1 Gallon package, \$1.00; 5 Gallon package, \$5.00; Gallon package, \$9.00. Also in Barrels and Half-Barrels.

The French Bordeaux Mixture

In Fine Pulp, or Liquid, Form

The finest and best article of its kind made in America. Works freely in any spraying machine. To be diluted 25 to 50 times with water and sprayed. See trade mark on every package.

For use on Potatoes, Tomatoes, Grapes, Apples, Pears, Oranges, Roses, etc., add 1 gallon to 24 gallons of water. For Peaches, Plums or Cherries, add 1 gallon to 50 gallons of water.

The price for this French Bordeaux Mixture is: Gallons, \$1.25; 5-Gallon package, \$5.50; 10-Gallon package, \$10.00. Subject to discount for quantity of half-barrels or barrels.



COPPER SOLUTION

Keep in a Cool Place

Prepared for immediate use in the Greenhouse, or on Trees, Vines or Vegetables affected with the Rot, Blight or Scab, with safety to the foliage.

¹⁸⁸⁷ Dilute at rate of 1 part to 100 parts of water and spray lightly.

This Solution can be handled safely by any ordinary careful person without danger or harm.

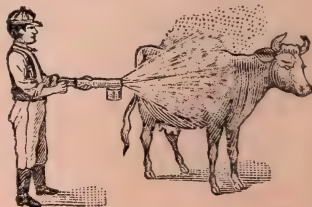
Put up in Quarts, Gallons, and 5 and 10-Gallon Kegs. Retail at \$1.75 per Gallon.

Cattle Comfort is detrimental to Flies and Gnats that afflict domestic animals. Apply it to base of horns, along the back to the root of the tail, and on the neck and fore-quarters. It will relieve all Animals and Fowls from the noxious effects of Horn Flies, Gnats, Mosquitoes and Lice, and is healing to any sore.

Directions—Rub it lightly over exposed parts, as mentioned above, with a cloth, sponge or atomizer. It may be diluted half and half with kerosene as a matter of economy.

Put up in quarts, 45c., gallons \$1.15, 5 gallons \$5.00.

Hammond's

**"Cattle Comfort"**

F. H. EBELING, Seeds and Hardware.

SLUG SHOT—It is a light, composite, im-



palpably fine powder, easily distributed by Duster, Belows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

DISPARINE

The best and only thing for spraying fruit trees--thoroughly tested and tried, fully guaranteed.

2 lb Can	-	\$ 50	25 lb "	-	4 25
5 lb "	-	1 00	50 lb "	-	8 00
10 lb "	-	1 80	100 lb "	-	15 00

CHAMPION DRY POWDER GUN.



Price

\$7.50

A wonderful invention. Light swift, safe strong and cheap. Dusts the pure green. Kills all the bugs and pests without injuring the vines or foliage. Less green used and better results obtained.

Sterlingworth Whale Oil Soap and Tobacco.

Sterlingworth Whale Oil Soap and Tobacco is a most effective, reliable, simple and cheap preparation for destroying San Jose Scale, Plant Lice and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. The efficiency of this Soap is further increased by the addition of tobacco extractive matter and potash. The preparation thus compounded possesses all the virtues of Whale Oil Soap, and, in addition, the valuable insecticide properties of tobacco and potash, making it doubly valuable. Full directions on each package. Price, 1 lb box, 15c.

Remedy for Cut-Worms on Cabbage and Tomatoes.

Soak bran with Paris green and scatter same in the rows. This will destroy this troublesome pest.

To Destroy Ants in Hills, Etc.

Inject bi-sulphate of carbon in the hills. This will destroy them promptly.

SULPHO-TOBACCO SOAP



Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results.

3-oz. Cake, sufficient for 1 1-2 gallons prepared solution, 10c; mailed postpaid 13c.

8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.

With every order we enclose free a booklet "The Window Garden" giving valuable information of Plants, and exterminating of Insects.



Pat. March 10 and Nov 9, 1909.

BUG DEATH.

This Insecticide and Plant Food combined has been on the market for ten years. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines. **BUG DEATH PREVENTS BLIGHT.**

Put up in Packages as Follows.

1 pound package,	.	.	\$.16
3 "	"	"	.35
5 "	"	"	.60
12 1-2 "	"	"	1.00
100 "	"	"	7.00
Dickey Bug Death Duster,	.	.	.25

BORDEAUX MIXTURE.

Insecticide and Fungicide.

As the name indicates, this article is an Insecticide as well as a Fungicide. It is compounded the same as the Fungicide Dry Bordeaux and in addition to its value as a Fungicide there has been added the necessary poison to make it deadly to all eating insects. It kills slugs, beetles and all leaf eating insects, and prevents blight and rot on potatoes as well as performing many other services. It sticks well to vegetation, one application lasting in some cases the entire season.

Full directions for using accompany each package. In ordering always specify "Insecticide and Fungicide" to distinguish from "Fungicide Dry Bordeaux."

Price—1 lb. box, 30 cents. 5 lb. box, \$1.25.



PURE SHEEP FERTILIZER.

THE NATURAL GRASS FOOD.

Try it and see the wonderful results obtained.

50 lbs. \$1.50. 100 lbs. \$2.50

ANALYSIS. — Ammonia, 4.48 per cent;
Available Phosphoric Acid, 1.83 per cent;
Actual Potash, 2.39 per cent;
Nitrogen 2.36 per cent.

THE BEST

Lawn Fertilizer in the Market.
Free from all foul seeds. Rich in
Plant food. Machine Dried.

PURE GROUND BONE.

100 lbs. \$2.25. 50 lbs. \$1.25

These fertilizers are free from foul seed and
a natural grass producer.

One of the most conclusive arguments in favor of High Grade Fertilizers that has come to our notice is in the shape of a small pamphlet issued by the Agricultural Bureau of the German Kali Works of New York city. It is entitled "Results," and shows photographs of actual field tests or co-operative experiments carried out by farmers in New York State. Eleven different counties and as many crops are represented so that the booklet contains something of interest to every farmer. The fertilizer giving the best results on oats and wheat contained 2 per cent. nitrogen, 8 per cent. phosphoric acid and 6 per cent. potash, but on potatoes, corn and truck crops a good profit was shown for the fertilizer containing 10 per cent. of actual potash.

Copies of this booklet may be had, free of charge, on application to F. H. Ebeling, Syracuse, N. Y.

We are Sole Agents for the

CELEBRATED BOWKER FERTILIZER.

Sold strictly for cash at very close margin of profit. We carry in stock the following brands:

Hill and Drill, Sure Crop, Corn and Grain, Potash or Staple, Potash Bone, Market Garden, Am. Dissolved Bone or Farm and Garden, 10 per cent Manure. Hop and Potato, Nitrate of Soda, Farm and Garden, Am. Dissolved Bone, Soluble Bone, Early Potato.

DRAIN TILE.

Following sizes always on hand. Length about 14 in.



	Weight Each.	Per M.
2 inch Rise, Sole Tile	3 lbs	\$13.50
21-2 " " " "	4 "	16.50
3 " " " "	5 "	22.00
4 " " " "	7 "	38.50
5 " " " "	9 "	55.00
6 " " " "	12 "	77.00
3 1-2 Horse Shoe Tile	4 lbs	16.50
4 " " " "	5 "	22.00
5 " " " "	6 "	33.00
6 " " " "	8 "	44.00

Special prices on carload lots direct from factory which being located at Chittenango, N. Y. on the lines of the N. Y. C. & H. R. R., the West Shore R. R. and Erie Canal, gives us exceptional shipping facilities.

ENSILAGE FORKS.

The ensilage fork we offer is the best and most popular fork ever put on the market and fills a long felt want for a light, strong fork to handle ensilage, fine manure, etc. Price, \$1.40.

STOCKBRIDGE SPECIAL

MANURES

For Potatoes, Corn, Grain, Vegetables, Onions, Cabbage, Cauliflower, Peas, Beans, Asparagus, Celery Tobacco, Lettuce, Spinach, Strawberries and Fruit.

NEW MODERN WATERING BASIN.



A dairyman who has running water will find it profitable, as our watering device will furnish a cow fresh water at any time, increasing the flow of milk from five to ten per cent., which is acknowledged by all dairymen who have a watering device.

MARY'S GARDEN

After dinner they gathered in the yard back of the house. They and their home and surroundings spoke of all the comforts of life. The boy and girl were having a hilarious time, the father and mother a quiet talk, the mother's eyes always in one direction, over the back fence.

"Jack," said Mary, "we have been married nearly twelve years and they have been such happy, glorious years, too—with plenty of everything—good homes to live in, plenty to eat, drink and wear, plenty for the knickknacks and the good times of life, with our 'Billy and Kate,' fair health, and for ourselves each other. Apparently, we have never lacked a single thing, but listen! In all that time we have gone to market for everything we ate and have never had one single fresh vegetable at home. Don't you know how different it is at Aunt Susan's, where they get what they want, when they want it. I want a garden of our own, where we can raise all we need to eat, summer and winter a place where we can get from the ground more health for our bodies, better color in our faces and a greater love for God and all of His creations, with every growing plant that we try to coax through the soil. And then, think of the pleasure and the real fun, the pride we'll have in knowing we did it ourselves."

Jack watched the enthusiasm play in Mary's face and as the light of expectation danced in her eyes, his amusement changed to tenderness for this wife of his and he asked:

"Where do you expect to begin this wonderful garden of yours, Mary?"

"Don't you know that vacant lot that backs up to ours from the next street? It's empty except for a rank growth of weeds and the ashes of the fires that that eleven year old rascal 'Billy', is eternally building there on wash day when the smoke always comes our way. Won't I be tickled when he will be doing something besides making a nuisance of himself to all the neighborhood? The place is big enough for what we want and I know we can do the work ourselves, although I hope you will get in it, too."

"But," laughed Jack, "do you realize what a lot of backaches, sore fingers, lame arms and legs, and tired bodies you are going to have before you get that vacant lot planted and the stuff grown?"

"Not much, Mr. Jack," retorted Mary, "I've got a catalog of 'Iron Age' garden tools that are sold by the big seed man, F. H. Ebeling, Syracuse, N. Y., and if only the half is true that the manufacturers say of their Wheel Hoes and Drills we can take care of twice the work that

there is in that lot and not have a single ache."

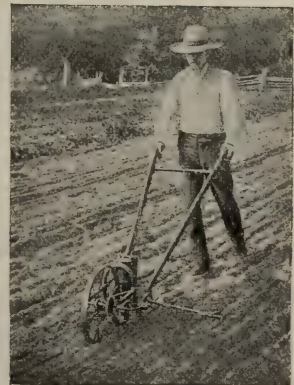
"Now, just what can you do with these wonderful 'Iron Age' tools?" inquired Jack, "and what are they like?"

"Why, the Wheel Hoes are just light wood handles attached to the simplest little frame and a high, light wheel, the whole so light looking that I ache to get hold of the handles of one of them and see what I can do with it. The frame carries hoes (funny looking things but that's what they call them in the catalog), cultivator teeth, the cutest little rakes, and a pair of plows that shine like a nigger's heel—you thrust it ahead a step at a time, standing right up straight—they say you can furrow (whatever that is) hoe both sides of one row or between the rows, you can cultivate, you can weed with the rakes and use the plows to ridge or cover with, after seed or fertilizer. With a fine little drill you can open the furrow, sow most any kind of seed in continuous rows or in hills, cover the seed and roll it down. Why, it will be delightful, working with such tools. Come now, say 'Yes' and we'll begin to plan our garden, order seeds and tools, and you'll see such a dear garden next year as you never saw before."

"Yes, Dad," chimed in Billy and Kate together, "we want it, too, it will be great sport and we'll help, honest, we will."

"All right, you gooses, we'll try it on, once," answered Jack, and the rest of the family cheered and piled on top of him.

Ask for 1910 IRON AGE Catalog. It's free.



HARDWARE

F. H. Ebeling, Syracuse, N. Y., Sells everything in Hardware, Paint, Glass, Putty, Nails, Enameled Ware, Cutlery, Shears, Razors, Knives, Etc.

IRON AGE Garden Wheel Hoes and Drills.

No. 6. Combined Double and Single Wheel Hoe Hill and Drill Seeder. Price, \$12.00.
Fig. 114



No. 7, as Seeder
only, \$9.00.



A large garden worked at odd times with a wheel hoe

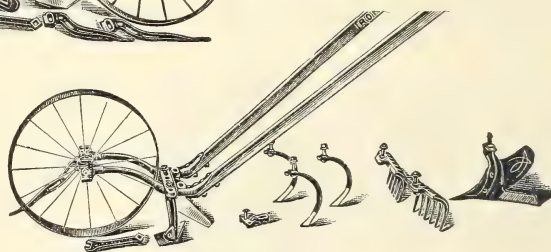
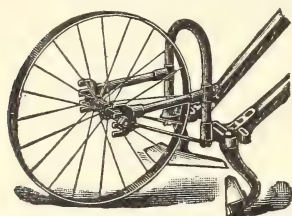
No. 1. Double and Single Wheel Hoe. Price, \$7.00.

No. 3. Plain, \$4.25.

Fig. 75. Double Wheel Hoe form of No. 6.

Fig. 76. Single Wheel Hoe Form of No. 6.

Four machines in one, with a dozen or more different combinations, and attachments without number, for the different



No. 20. Single Wheel Hoe. Price, \$6.00.

No. 21. Plain, \$4.00.

kinds of work to be done in a garden. No gardener should be without a Wheel Hoe and Drill, and other attachments can be added as you need them. Light, yet strong—easily operated—simple adjustments.

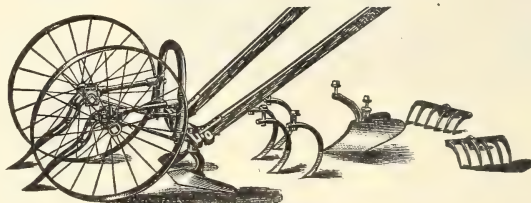


Fig. 135.

No. 15. Combined Single Wheel Hoe, Hill and Drill Seeder.

This is the Drill form of No. 20. Will sow continuous rows or in hills. Same as No. 6, except "Single Wheel" only.

Price \$11.00

Fig. 125



Ridging Celery.

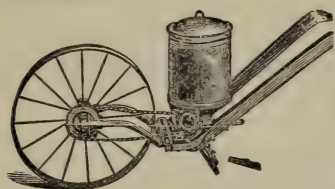
Free for the asking, IRON AGE 1910 Catalog.

IRON AGE No. 22. Combined Fertilizer Distributor and Drill Seeder.

Applies fertilizer in connection with the seed or at sides of growing plants. Plows are adjustable in depth and width so you can put the fertilizer where you want it.

No. 23. Fertilizer Distributor as a Side Dresser, \$13.00.
Seeder attachment, \$5.00. **Fig. 130.** Price \$18.00.

No. 25. Single Wheel Fertilizer Distributor. The distributor attachment can be put on No. 1 or No. 20. Price \$8.00.



No. 189

No. 26 Fertilizer Drill not only distributes, but makes its own furrow, drills fertilizer and covers. Price, \$8.50.

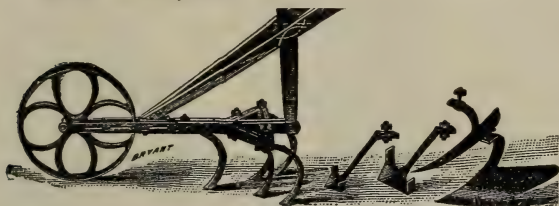


Fig. 30

"Gem" Single Wheel Garden Hoe. A practical tool with convenient adjustments and a complete outfit. Light, compact, durable. Made almost entirely of steel and malleable iron. Price, \$5.00.

No. 6. Horse Hoe and Cultivator. With plain wheel, Fig. 100, \$5.75. With lever wheel, \$6.25. **Fig. 100**

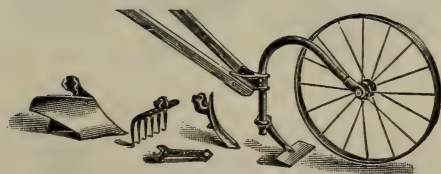
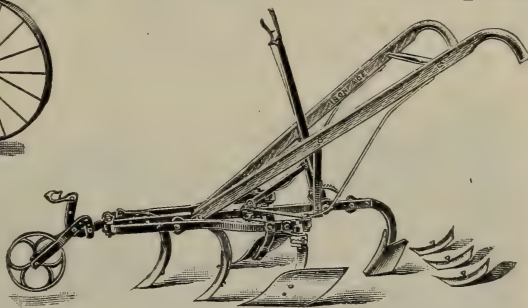


Fig. 120

No. 12. Wheel Plow and Cultivator. Price, \$3.50. A low priced tool for the work to be done in a small kitchen garden. Opens furrows, covers, hoes, cultivates, rakes.

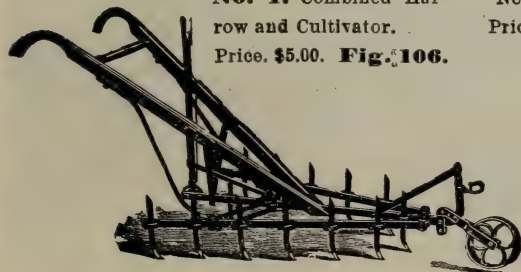


Expands 14 to 36 inches.

No. 1. Combined Harrow and Cultivator. Price, \$5.00. **Fig. 106.**

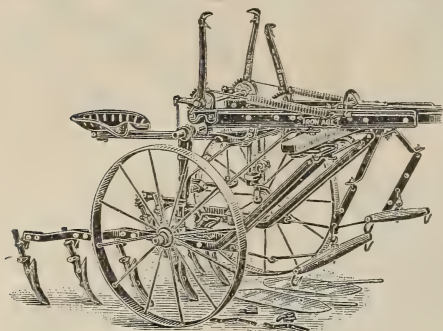
"New Model" Seed Drill Price, \$8.00.

Fig. 28.



IRON AGE

RIDING CULTIVATORS With Pivot Wheels.



No. 83, With Eight Hoe Flat Bar Gang. Price, \$31.00.

Pivots are near the center of the wheels, rest on steel ball bearings—machine guides easily.

Wheels can be "fixed" for fallow work and on the road.

Wheels adjusted 32 to 42 inches.

Gangs can be adjusted to work rows 28 to 54 inches apart.

A lever shifts for width.

Tooth Standards are adjustable for width and angle of cut. Break pin hoes.

Spring pressure keeps the teeth in the soil. A powerful lifting spring assists in shifting.

Adjustable seat and pole, steel evener, direct draft.

IRON AGE Catalog shows three other machines in this series—all of same construction except the gangs—you are sure to be suited with just what you need to do your work.

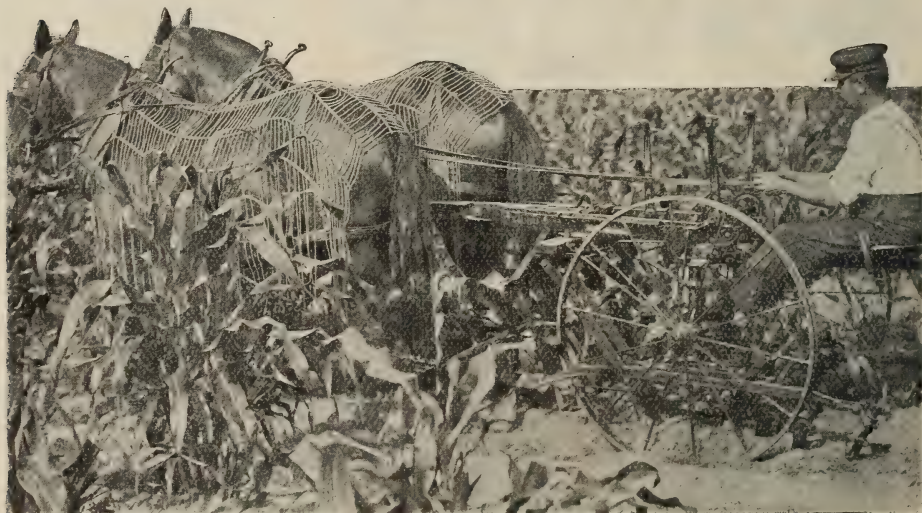
No. 60, with Pivot Wheels, Spring Pressure Lock Down, Lever Gang Adjuster, Eight Hoes on Flat Bar Gang. Price, \$34.00.

Steel ball bearings for pivots, lifting springs, gang adjuster lever—all assist in easy operation of the machine in all conditions of crop and soil.

Wheels are 42 inches high and may be set 50 inches wide and narrowed to 39 inches.

Built for strength, rigid in operation when set, thoroughly adjustable.

Both No. 83 and No. 60 can be furnished with either Spring Teeth or Spring Hoes. See Catalog for prices and attachments.



No. 60 in level cultivation of corn.

Just out--NEW IRON AGE CATALOG--Ask for it to-day.

IRON AGE

(Improved Robbins)

POTATO PLANTER

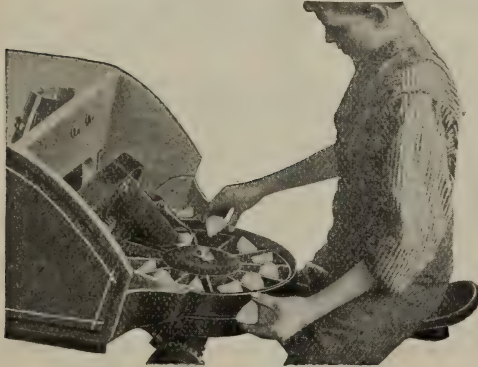
No. 1. With Fertilizer Distributor \$80 00

No. 2. Without Fertilizer Distributor \$70 00

Seed Attachment for peas, beans and corn \$5 00



Correcting doubles and misses—earning big money for his employer.



Plants 100 per cent. perfect, all the seed that goes into the hopper.

Plants without misses or doubles.

Plants in straight rows, easy to cultivate.

Plants at even depth.

Plants at regular spaces in the rows.

Plants without injuring the seed in any way
—no pickers are used.

Sows fertilizer in broad stream across row and mixes it before seed is dropped in soil.
Plants seed in groove, so it cannot roll.

Covers the row as deep as you want it.

Takes a boy on rear seat, but saves four times his cost.

FOUR ROW SPRAYERS.



No. 102. With Single Acting Pump and Thills, 55 gallon Steel Tank, \$70.00.

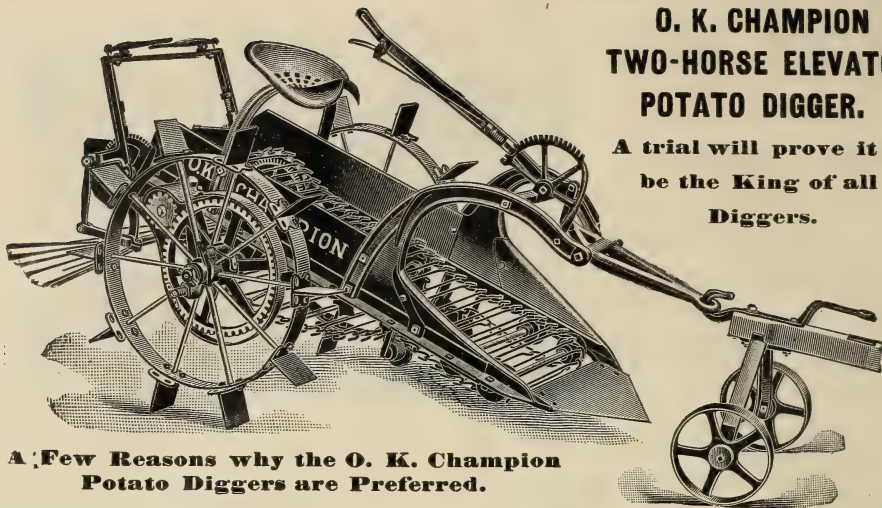
No. 105 D. With Double Acting Pump, Pole, 100 gallon Wood Tank, \$92.00.

Furnished with wood wheels unless steel wheels are ordered. Furnished with either pump, either kind of tank, thills or combination pole and thills or pole only. Adjustable for rows 28, 30, 33 and 36 inches apart. Only first-class high pressure pumps are furnished. Attachments include Middle Row, Tomato Spraying Twin Nozzle, Nozzle Strainer and Orchard Attachment. Price of latter, \$7.00 See Catalog for other prices.

Send for IRON AGE 1910 Catalog. Shows complete line.

O. K. CHAMPION TWO-HORSE ELEVATOR POTATO DIGGER.

A trial will prove it to
be the King of all
Diggers.



A Few Reasons why the O. K. Champion Potato Diggers are Preferred.

BECAUSE They are strictly a Two-Horse Elevator Digger, two ordinary horses will do the work with ease.

BECAUSE It has an extra wide opening at the front, accomplished by using special constructed front throat side plates with inward extending lugs, to which the shovel blade is connected. The front throat side plates taper downward toward their front end, and are also flared outward at their upper edges, which edges are rolled backward to give a smooth, round surface; these flare outward at about midway between the throat and return to the vertical plane of the side plates. This will enable the ground to spread when entering the machine, thereby losing itself quickly through the apron. This construction will also allow the weeds or vines to slide up through the machine without catching on the side.

BECAUSE The apron is of a special design, made of special High Carbon Spring Steel, having alternate high and low links, which gives them the power to break the ground more quickly than the straight pattern.

BECAUSE It is absolutely the simplest in construction, having less parts than any other Elevator Digger.

BECAUSE The machine is guaranteed to do what is claimed for it.

LAST BUT NOT LEAST It is sold for a price at which any farmer can afford to own his own machine.

All broken parts free, during the first season.

Price \$65.00

PURCHASERS OF CHAMPION POTATO DIGGER.

Patrick Dwyre, Jamesville; C. N. Robinson, Marcellus; Thomas W. Hill, Elbridge; T. A. Shrader, Central Square; M. F. Ogilvie, Weedsport; H. D. Dennison, R. D., James street, East Syracuse; I. M. Slingerland, Fayetteville; Jesse Clift, Station A, Split Rock; H. M. Gorham, R. D., Elbridge; Fayetteville Gypsum Co., Fayetteville; Wm. H. May, Sta. A, Syracuse; Chas. Lewis, Elbridge; M. Smith, Camillus; H. S. Hurlburt, Kirkville; Thomas Murphy, R. D., Elbridge; Samuel Wilson, R. D., Elbridge; George Dye, R. D., Elbridge; D. B. Thomas, Skaneateles; Squire Kingston, R. D., Marcellus; E. Scutt, R. D., Marcellus; J. Oot, R. D., Kirkville; L. T. Peck, R. D., Jamesville; Asel Melvin, R. D. No. 1, Syracuse; J. P. Peck, R. D., Kirkville; James Keough, R. D., Jamesville; B. W. Morey, R. D. No. 1, Syracuse; George Groneau, R. D. No. 1, Syracuse; J. T. Close, Randallville; S. A. Spalding, Memphis; A. L. Sherwood, DeWitt; Bailer Bros., Otisco; Kimber Bros., R. D., East Syracuse; Albert Lade, R. D., Kirkville; Fred Krusse, R. D., Kirkville; R. B. McQueen, R. L., Liverpool; Frank Griffin, R. D. No. 1, Syracuse; G. F. Walters, R. D., Kirkville; Ed Adams, R. D., Kirkville; George Bragdon, R. D., East Syracuse; A. Cowan, R. D., Kirkville; E. R. Dart, Hubbardsville; H. Devaul, R. D., Kirkville; C. E. Fisher, R. D. Cazenovia; Fred Adams, R. D. 3, Williamstown; Charles Skiff, R. D. 1, Syracuse; Loren Taft, R. D. 1, East Syracuse; W. P. Taber, Kirkville; I. J. Walrod, R. D., Erieville; Edward Clark, R. D., Liverpool; George Moth, R. D., Kirkville; W. J. Norcross, R. D. 1, Syracuse; J. W. Fairbanks, DeRuyter; Dan. Donovan, Canton; John E. Allen, R. D. 1, Syracuse; E. I. Foster, Memphis; J. M. Hill, Skaneateles Jct.; E. K. Hill, Elbridge; G. C. Nichols, Cazenovia; H. A. Norton, R. D. 2, Syracuse; Casper Schneider, R. D. 2, Syracuse; John Young, Sta. A., R. D., Syracuse; M. S. Brown, R. D., Jamesville; L. J. Elder, Lysander; E. J. Betts, R. D. Earlville; James Millard, Tully; O. D. Smith, R. D. Fayetteville; E. O. Woods, R. D., Marcellus; Dan. Guyder, R. D., Weedsport; George Miller, R. D. 1, Syracuse; J. H. Brennan, R. D. 2, Clinton; E. C. Corwin, R. D. 1, Ludlerville; F. F. Gillette, Newfield; W. Carnel, R. D. 5, Lisbon; Mrs. Henry Walter, R. D. 2, Manlius; Frank J. Moth, R. D. 1, Kirkville; Gilbert Harnes, R. D. 1, Kirkville; W. V. Young, R. D., Clay; J. W. McIntyre, Sterling Sta., and thousands of others.

HALLOCK'S KING OF THE POTATO FIELD POTATO DIGGER.

Price, \$15.00.

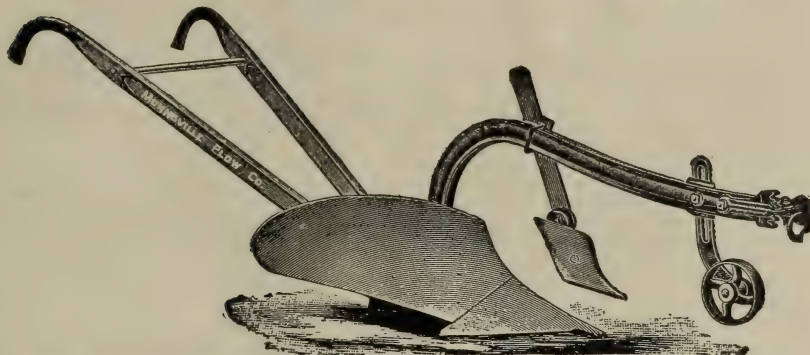
Agents Wanted.

Nearly 500 Hallock's Diggers sold by us in this vicinity, which shows its value and popularity.

F. H. EBELING, *Seeds and Hardware.*

MUNNSVILLE PLOWS.

No. 10, STEEL BEAM PLOW—"The Big Seller."



This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. **Price \$14.50.**

ONEIDA VALLEY CLIPPER No. 2½.

A light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows.

Price, \$11.50 Plain. No. 2 1-2 Chilled \$11.00.

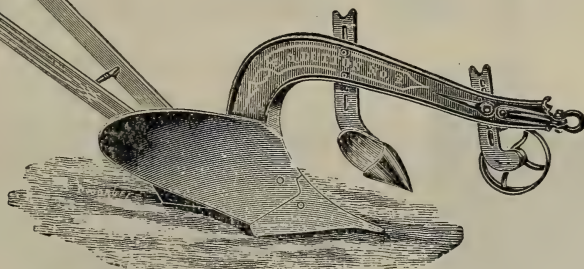
THE MUNNSVILLE PLOW SULKY WITH RIDING ATTACHMENT

With Plow Complete, \$28.00. Riding Attachment Only, \$15.00.

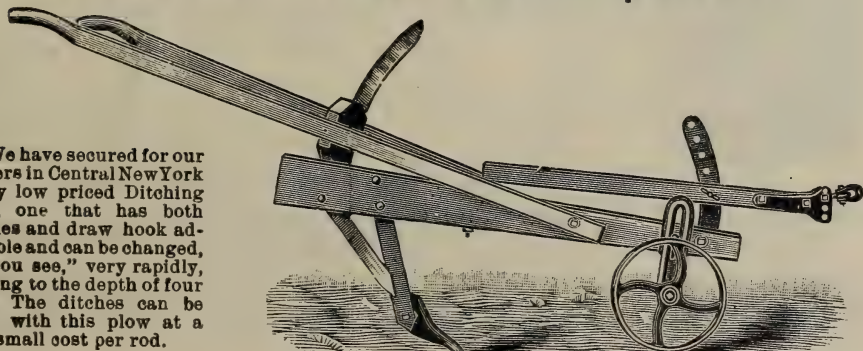
DUTTON IRON BEAM NO. 2.

Price, \$10.00.

**THE BEST
LOW PRICED
PLOW
ON THE
MARKET.**



DITCHING PLOW. PRICE \$10.00



We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a very small cost per rod.

CREL OLL Is Dr. Hagadorn's famous Remedy for Contagious Abortion in Cows and Scours in Calves.

All ordinary disinfected of buildings, school-houses, railway stations, cars, stables, poultry houses, etc.

As an insecticide, killing hen lice, lice on cattle, scab mites, parasites, fleas, flies, ants, bedbugs, waterbugs, etc.

As an antiseptic, used on collar galls, sores, hoof rot, mange sheep scab, bruises, etc.

As a positive remedy, contagious abortion in cows, horse distemper, grub in sheep, catarrh, lung worm, scours in calves or pigs, cholera in poultry or hogs, and all diseases caused by "germs", even bovine tuberculosis, in its first stages. Nothing more efficacious for use in preventing "foot and mouth" disease.

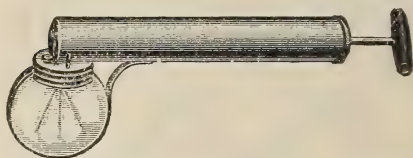
The fumes do the work. Applied with a spray-er or atomizer.

Gallon Jugs, \$4.00

Quarts, \$1.00

Pints, 60 cents. 4-ounce, family use, 25 cents.

F. H. EBELING, *Seeds and Hardware.*



THE "TENNET" ATOMIZER WITH MIXER

for applying Crel Oil.

Contents of bowl thoroughly mixed with every stroke. Adapted for all kinds of spraying.

MADE IN TWO SIZES.

Large size, general uses, Price, 75c.

Smaller size, house or hospital, . Price, 50c.

The "IMP"



Gasoline Blow-Torch

It Will Heat or Solder Anything!

Not a toy but a practical torch of small size which will do as much work as a large one.

Starts with a match, has no pump or valve, is entirely automatic and burns two (2) hours on one filling. For hand or bench work.

Produces a perfect Bunsen flame of over 2000 degrees Fahrenheit.

The corrugated neck largely increases the heating surface and creates a greater pressure than could otherwise be produced.

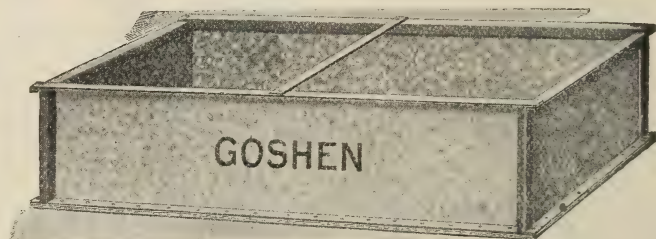
The ideal soldering torch and adopted as such by the New England Telephone & Telegraph Company, after severe test in their Engineering Department and actual use by their men.

Perfectly safe and can't get out of order. Heats a soldering copper or **TAKES THE PLACE OF ONE.**

For any purpose where quick, cheap, clean and intense heat is desired. All brass, nickel plated. Retail price \$1.50 — Mailable.



THE GOSHEN FAVORITE GALVANIZED STEEL WATER TANK.



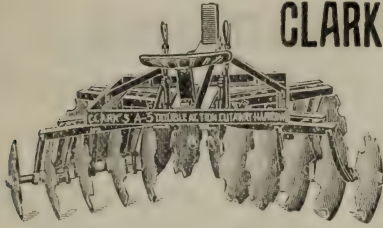
Square End Watering Tanks.

Width.	Height.	Length.	Capacity.	Price.
2 ft.	2 ft.	4 ft.	38 1/2 bbl.	\$ 8 00
2 ft.	2 ft.	5 ft.	43 1/2 bbl.	9 00
2 ft.	2 ft.	6 ft.	53 1/2 bbl.	10 00
2 ft.	2 ft.	8 ft.	71 1/2 bbl.	15 00
2 1-2 ft.	2 ft.	8 ft.	91 1/2 bbl.	17 00
2 1-2 ft.	2 1-2 ft.	8 ft.	12 bbl.	19 00

Can furnish any size up to 60 barrel.

GOSHEN TANK HEATER—Save feed by supplying your cattle and hogs with warm water. Feed is just so much fuel to the animal economy. It takes lots of extra feed to take the chill off of the cold water animals drink. **Price \$5.00.**

HARDWARE. We sell everything in Hardware, Paint, Glass, Putty, Nails, Enamelled Ware, Cutlery, Shears, Razors, Knives, Carving Sets, Aluminum Ware, Florists Supplies, Etc.



CLARK'S DOUBLE ACTION CUTAWAY

KILLS QUACK! KILLS QUACK!!

The Double Action Harrow does between two and three times as much work as any single action harrow, either solid or cut out. It makes and keeps the land true all the time. The draft of the

Double Action is very little if any more than the draft of the solid disk harrow and does more than three times as much work and better. This is brought about in part by one set of disks following central behind the other; again there is only one-half as much tramping of teams in doing the work. Immediately after the first gang of disks lifts the earth the second gang of disks strikes and follows central cutting and lifting it deeper than the first set and levelling the earth completely, which cannot be said of any other disk harrow ever made. All single action disk harrows ridge the land more or less, even with the most careful driver. All fitted with jointed poles.

Bear in mind that the **Clark's Grass Tools** are in order whenever the frost is out of the ground, especially the **Double Action Cutaway Harrow**, and the **Clark's 26-Reversible Cutaway Sulky Disk Plow**. The more you cultivate, the better crops you will have.

R. F. D., No. 8, Oswego, N. Y., March 22, 1908.

"I have used Clark's Double Action Cutaway for the last six years, and I could not do successful farm work without it. It is the only tool made that will tear to pieces and thoroughly mix manure with the soil. It fits the land so perfectly that I have never failed of a good crop.

"Clark's Double Action Cutaway turns, mixes and aerates the soil so thoroughly that the chemical action of making available the plant food in the soil begins at once, thus giving the growing plant such an abundance of food that it is rich in color, sturdy in growth, thus giving results at harvest that will greatly benefit the farmer. (Signed) C. E. WOODWORTH."

Thousands of these Harrows in use and the demand is increasing each year.

PRICE LIST.

A-4 Cutaway, \$33 00

A-5 Cutaway, \$35 00

A-6 Cutaway, \$40 00

Reversible Sulky Disk Plow, \$35 00

OHIO PULVERIZING ROLLER

We herewith show you the Ohio Pulverizing Roller at work and we wish to call your attention to the great merits of this wonderful machine. It has three square Rollers which are arranged exactly the proper distance apart to do perfect work. As these Rollers revolve they produce the pulverizing effect by means of the sharp flanges of the Rollers cutting and breaking the large lumps of earth and then crushing and pulverizing the soil with the flat side of the squares as they revolve, leaving the earth in a loamy and almost smooth condition.

It has been proven the Ohio Pulverizing Roller will do much better work than is done by the farmer with his ordinary roller and harrow combined, and crops grow much faster than they otherwise would.

The corners of the rollers make very slight creases in the ground four inches apart, between which the ground is slightly curved so the water from the rain soaks away through the creases. The soil, therefore, never bakes after its use.



THE NEW WAY.

TO PREVENT SMUT IN OATS. Formula—1 pt. of formalin to 20 gal. of water, wet 20 bu. or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc., for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

THE MAN who makes two weeds grow where but one grew before by sowing the seed on his well prepared soil is a fool. Buy Clean Seed.

WEED SEED is a dear purchase at any price. The home supply is more than enough.



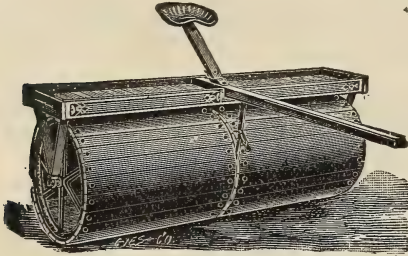
HARROWS.

Spring Tooth, with Self-Setting Levers, on Wheels.

Spring Tooth Harrow, with Shoes in place of Wheels.

Peg Tooth with Levers, Adjustable Teeth and Strong Frames.

Also the Acme Cutaway and Disk Harrows.



LAND ROLLERS.

Oak Stave Roller, Two Sections \$22.00

Steel Roller, 26 inch, Two Sections, with closed ends, \$28.00

Lawn and Garden Roller \$8.00 to \$12.00

These Rollers are made of the best material and made near home. All parts can be easily supplied.

ACME PULVERIZING HARROW, CLOD CRUSHER AND LEVELER

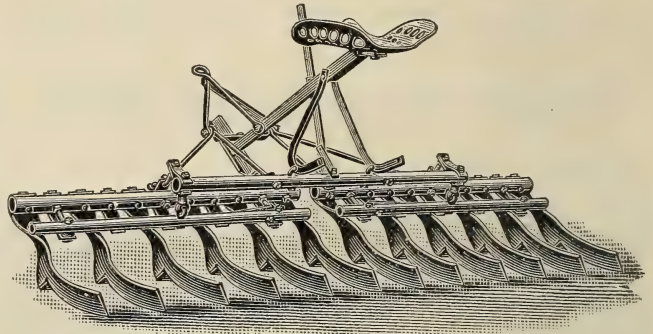
Lightest Riding Harrow sold anywhere. Low in price, light in draft, most easily handled. Made entirely of steel and iron and indestructible.

CUTS, CRUSHES, TURNS, SMOOTHS AND LEVELS, all in ONE OPERATION.

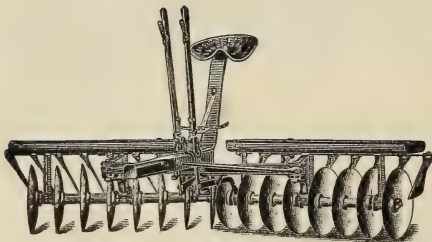
6 ft. 6 in. Two Horse Size.

You need one on your farm,

PRICE, \$16.00.



NEW YORK DISK HARROW.



The great labor saver. Every farmer should have one.

KEYSTONE ADJUSTABLE WEEDER.

As a weed killer it has no equal



Can expand to 7 1-2 feet and narrow to 30 inches.

\$12.00

UNITED STATES SEPARATORS**And Their Products Win All Important Awards in 1909.**

In keeping with its usual successes, the year has been another record-breaker. The few awards we mention are far from all. These are a few of the more important ones for 1909:

The Grand Prize (highest award) on Separators at the Alaska-Yukon-Pacific Exposition, Seattle, awarded the U. S. This was positively the highest award received by any Separator.

Gold Medal (highest award) on U. S. Separators at Intermountain Four State Fair, Ogden, Utah.

Gold Medal (highest award) on U. S. Separators at the Sacramento, Cal., State fair.

First Prize (highest award) on U. S. Separators at the Texas State fair, Dallas.

First Prize (highest award) on U. S. Separators at the State fair, Birmingham, Alabama.

First Prize and Silver Cup at the Winnipeg Industrial Exposition.

The Gold Medal (highest award) at the National Dairy Show recently held at Milwaukee.

First Prize (highest award) at the Illinois State fair, Springfield.

First Prizes (highest awards) at the great New England fair, Worcester, Mass.

First Prize (highest award) at the Vermont State fair, White River Junction.

First Prize (highest award) at the Maine State fair.

U. S. CREAM SEPARATORS PURCHASERS.

F. R. Hazard, Solvay; Alva Hunt, Camillus; A. J. Hamlin, N. Syracuse; Wm. H. Hoffman, Jamesville; Marshall Danforth, N. Syracuse; J. O. Tuttle, Kirkville; D. C. Fargo, Kirkville; F. C. Vollmer, Clay; E. J. Speich, Marcellus; C. A. Lawrence, Camillus; J. Shanahan, Manlius; Louis Herman, Bridgeport; Chas. R. Ferguson, N. Syracuse; W. H. Barnes,ully; L. P. Gillis, Jamesville. A. E. Vaughan, Vernon; C. A. Lawrence, Camillus; Elmer Amidon, and many others, but space will not permit.

CHAMPION MILK COOLER AERATOR

Automatic, Simple, Efficient, Durable.



1	10 quarts	1 to 10 cows	2 milkers	\$6.00
2	18 "	10 to 25 "	3 "	6.00
3	34 "	25 to 50 "	5 "	7.00
4	52 "	50 to 100 "	8 "	10.00

Extra sizes on special orders.

Prices include double cheese cloth strainer and spring pins.

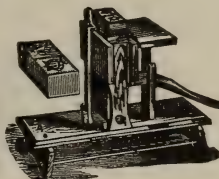
**Eureka Butter Printer.**

Self-gauging.

Per pound or half pound.

No. 1.....\$4.50

No. 2.....3.50

**Nesbit Butter Printer.** $\frac{1}{2}$ lb.....\$4.00

1 lb.....4.50

Self-gauging \$1.00

extra.



The chief reason you want a separator is to get more cream—more money—out of your milk. Then if you want to get the most you'll naturally want the separator that gets the most cream.

Sizes.	Capacity.	Milk per hour.	Price.
No. 9, Without Base,	150 to 175 lbs.,		\$ 40.00
No. 8, Solid Frame,	275 to 300 "		60.00
No. 7, " "	350 to 400 "		70.00
No. 6, " "	450 to 500 "		75.00
No. 15, " "	650 to 700 "		90.00
No. 4, " "	1000 to 1100 "		125.00
Clutch Pulley for			
Power	14 in. diam., 3 in. face,		3.50
Iron Stand for No. 9 only, extra,			5.00

**DAVIS SWING CHURN.**

Complete with Folding Frame.

No. 1, 4 gal. or less	\$ 7 00
No. 2, 5 gal. or less	8 00
No. 3, 8 gal. or less	10 00
No. 4, 10 gal. or less	12 00
No. 5, 15 gal. or less	15 00

**EUREKA BUTTER WORKER.**

No. 1, 8 to 12 lbs	\$ 6.00
No. 2, 10 to 20 lbs	8 00
No. 3, 25 to 40 lbs	10 00
No. 4, 40 to 60 lbs	12 00

TIN SHOP.

MILK CANS—ALL SIZES.—Milkmen are invited to examine our work. Repairing promptly done, in the best manner and at moderate prices.

PEDDLING CANS IN 20, 30, 40, 50 AND 60 QUART SIZES.

Aerators made to order. Tin Gutters, Galvanized Gutters, Tin Roofing, Stencil Cutting, Galvanized Iron Work. Everything in Tin Work made to order on short notice and in the best manner. Shears, Scissors, Knives and Saws Sharpened and Repaired, also General Jobbing.

Milk Bottles and Milk Caps always in Stock.

Quart Milk Bottles	70 cents per doz.	Quart Dippers	- - -	.35 to	.50
Pint " "	60 " " "	Strainers	- - -	.50 to	2.00
Half pint " "	50 " " "	Tin Milk Pans, per doz	1.50 to	3.00	
Milk Caps - - -	25 " " 1000	Tin Milk Pails, all sizes	.30 to	.75	
Carrying Cans, all sizes	\$.50 to 2.25	Sprinkling Pots, "	.25 to	1.25	
Dairy Cans	5.00 to 6.50	Excelsior Strainers	- -	2.50	
Wholesale Cans	.40 cents	"Our Own" Strainers	-	2.00	
Strainer Pails	.65 to .75	Aerators	- - - -	5.00 to	7.00
Pint Dippers	.25 to .45				

THE VERTICAL OSCILLATING MINUTE CHURN.

Churns butter from cream in one minute or your money refunded.

This churn is simply a tin can between two springs, which permits an easy and rapid vertical movement.

We have churned butter from cold cream right here in our store in less than two minutes.

Price 2 gallon	.....	\$4 00
" 3 "	.....	5 00
" 5 "	.....	6 00
" 10 "	.....	9 00

MILK FEVER OUTFIT.

For Sterilized Air Treatment.

This treatment has cured 97 per cent. of all cases treated.

This treatment is recommended by the Bureau of Animal Industry, United States Government, Department of Agriculture.

The outfit consists of the instrument, a roll of tape, a package of carbolic cotton. Full directions, neatly packed. Price, \$3.00 net.

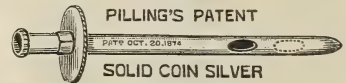
Price List of Gravity Cream Separator.

No. 0 holds 7 gal., used for 1 to 2 cows, 60 lbs. milk per day,	.....	\$2 50
No. 1 " 11 " " " 2 to 3 " 100 " " " "	.....	4 50
No. 1 1-2 " 18 " " " 3 to 4 " 150 " " " "	.....	5 50
No. 2 " 25 " " " 4 to 7 " 200 " " " "	.....	6 50

MILKING TUBES.

For sore and obstructed Teats and for Hard Milking Cows.

Full Directions with Each Tube. 35 cents to \$1.25 each.



SCALES.

Platform Scales.....	\$8.00 to \$12.00
Counter Scales, Single Beams.....	2 50
" " Double Beams.....	3 00

RICE'S CALF WEANER AND SUCKING COW MUZZLE.

For preventing Calves and Cows sucking themselves or each other.

No. 1—For Calves till 1 year old, 25c, by mail postpaid 35c

No. 2—From 1 to 2 years old, 50c, by mail postpaid 56c

No. 3—For full grown animals and self suckers, 75c, by mail postpaid 85c

BARREL CHURNS.

No. 0,— 4 gallon, will churn, 2 gallons	\$3.50
No. 1,— 10 " " 5 "	4.50
No. 2,— 15 " " 8 "	5.00
No. 3,— 20 " " 10 "	5.50
No. 4,— 25 " " 12 "	7.00
No. 5,— 30 " " 14 "	8.00

Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



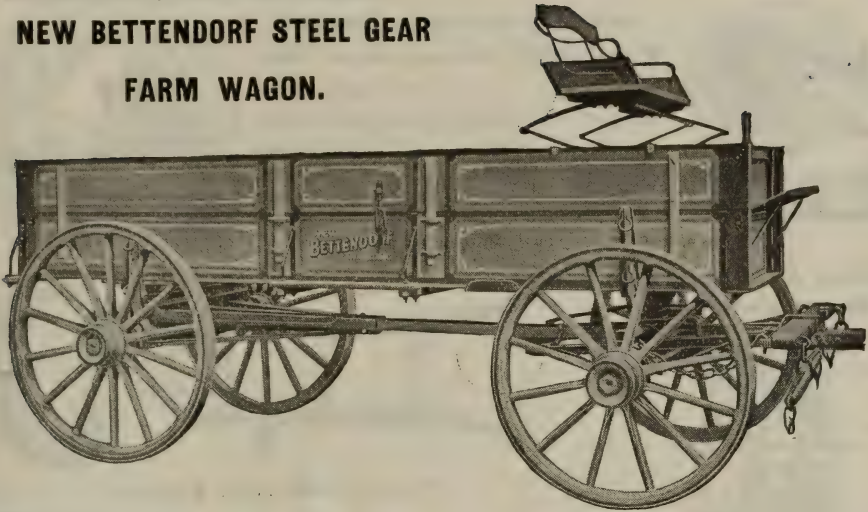
MILK BOTTLES.

1 quart, 70 cents per doz.
1 pint 60 " " "
1-2 " 50 " " "

MILK CAPS.

Per thousand, 25 cents.

NEW BETTENDORF STEEL GEAR FARM WAGON.



These wagons are built for one or two horses, narrow or wide tires, steel or wood gears, and at prices to meet the demand.

Reasons why you should buy a New Bettendorf Steel Gear Wagon.

Bettendorf steel axles cannot be worn, as they are protected against wear by removable sleeves, and hence the original carrying capacity is never decreased.

Light running qualities, as the axle retains its perfect set even under a full load, thereby permitting the wheels to revolve without binding at point of collar or skein.

Steel front and rear bolsters. Steel front and rear hounds.

Steel sand board. No bolts to lose or get loose.

No wood parts to shrink or check. No annoyance from cross grain or knotty timber.

No question of soundness, toughness or proper seasoning of wood stock.

The skeins will not work loose or prove defective.

No trouble from climatic conditions. It is never too dry or too wet for Bettendorf Steel Gears.

No heavy draft caused by wear of the skein and increased play of the wheel.

Spindles protected from actual wear by a malleable iron sleeve, which can be easily and cheaply replaced without in any manner changing the set or track of the axles.

Bettendorf Steel Axles are the only steel axles made which have the taper and dimensions of the skeins on wood constructed wagons. Therefore, they retain light running qualities and with the advantages of the uniform construction and the absolutely correct set of axles, the New Bettendorf can rightfully be claimed to be the lightest running wagon on the market.

The reach extension tubing on the rear gear permits coupling for hay or combination rack with the ordinary length reach. Front and rear gears always in perfect track.

BEST BOLSTER & RING MADE.

Capacity. Pair. Wgt. Capacity. Pair. Wgt. Capacity. Pair. Wgt. Capacity. Pair. Wgt.
3000 lbs. \$8.00 120 lbs. 4000 lbs. \$8.50 135 lbs. 5000 lbs. \$9.00 145 lbs. 6000 lbs. \$11.00 175 lbs

Good second-hand lumber wagons and farm machinery taken in exchange at a big bargain.

WARRINER CHAIN HANGING STANCHION



SIZES—Young Stock, 5 1-2 inch. Cows, 6 1-2, 7, 7 1-2 in. Bulls, 10, 11, 12 inch.

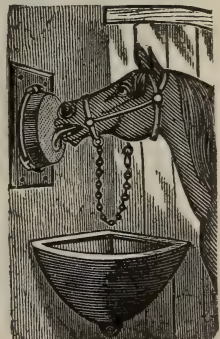
Mr. H. A. Moyer of Syracuse has 42 Warriener Stanchions in use giving entire satisfaction.

COMPRESSED SALT CAKES AND FRAMES

For Horses Cattle and Sheep. PAT'D. Pure Refined Salt, acts as a tonic, invigorates the system, promotes digestion, purifies the blood.

25c Cake, 5 Cakes \$1.00

Frames 25 Cents.





DANA'S STOCK LABELS

For Cattle, Sheep, Hogs, Etc.

Cattle Labels, . . . 75c dozen, \$4.00 per 100
 Sheep and Hog Labels, 50c doz., \$2.50 per 100
 Punches for Cattle, \$1.50 each
 " " Calves, 1.25 each
 " " Sheep and Hogs, . . . 1.00 each
 Bull Nose Punch, 1.25 each

The above mailed you upon receipt of price named.



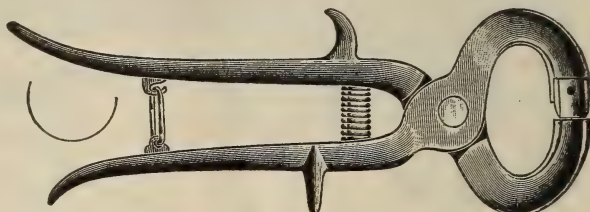
HAND AND POWER ROOT CUTTER.



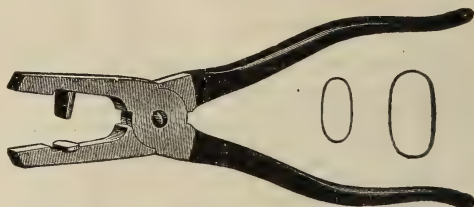
Has a capacity of 30 to 100 bushels per hour. One bushel per minute has been cut as a test, many times.

It saves the price of a cow, as they cannot choke when fed on roots cut by this machine.

Price, \$8.50.



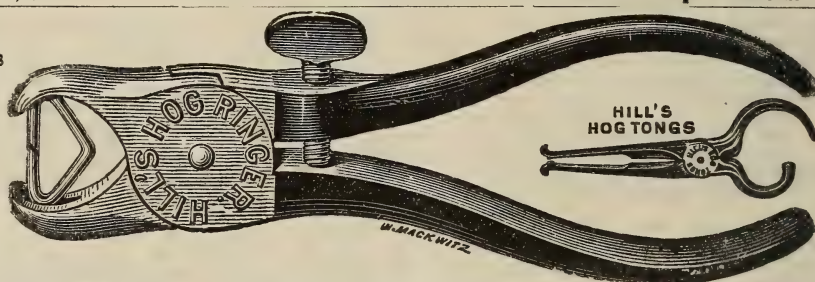
Dana's Bull Nose Punch.



Dana's Cattle and Sheep Punch.

Hog Rings
 10 Cents
 Per Box.

Hog
 Ringer
 25 Cents



BLATCHFORD'S CALF MEAL.



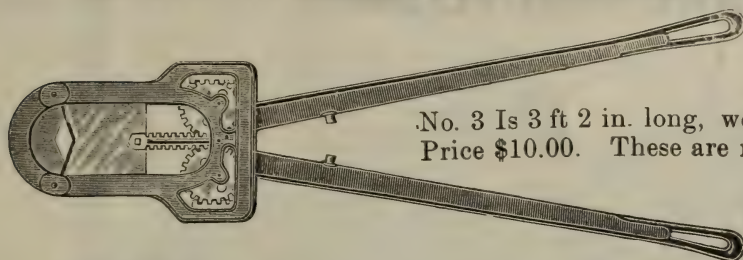
The perfect Milk Substitute for raising calves. One hundred pounds of it makes 100 gallons of Rich Nutritious Gruel. It is now a well recognized fact that one of the most successful aids to profitable farming is using a good Milk Substitute for raising calves. It is absolutely the only Milk Substitute that contains all the elements necessary for bodily growth in approximately the proper proportion. It pushes pigs, colts, etc., for vord better and quicker than any other food.

Average analysis of Blatchford's Calf Meal from a number of analyses taken at various times:

PROTEIN, 25 per cent. FAT, 5 per cent.

Prices: 100 pound bag, \$3.50. 50 pound bag, \$2.00. 25 pound bag, \$1.00.

DR. LEAVITT'S DOUBLE POWER DEHORNING CLIPPERS.



No. 2 is 3 ft.
long, weighs
12 lbs. \$8.00
No. 3 Is 3 ft 2 in. long, weighs 15 lbs.
Price \$10.00. These are made with V
blades or slant
blades or bull
style.

KOW KURE is a medicine especially designed for the cow and it is the only remedy known that entirely fits her case. It is carefully compounded of twelve drugs which may be divided into four sets; there is one set acting on the womb and other organs of generation; another set acting upon the stomach; another set on the blood, and the fourth on the kidneys and bladder.

WHAT IT DOES—Kow-Kure prevents abortion by aiding nature to give nourishment to the organs of the generation and strength to the muscles of the womb. We know of no other medicine that will do this. It cures barrenness and retained afterbirth in the same way. It improves appetite and aids digestion, thereby increasing the flow of milk. It enriches and vitalizes the blood, curing bunches and inflammation. It cures diseases of the kidneys and bladder. Kow-Kure is in every sense a medicine and in no sense a food. Fed to milch cows it improves their condition and increases milk and cream ten per cent. Cost about one cent per day per cow. Price 50c and \$1.00.

FARMER'S

FAVORITE

COOKERS



Complete as shown in cut.

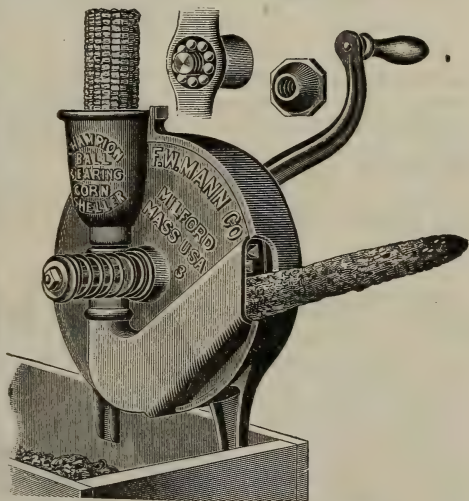
30 gallons...	22x24x13 1 2...	24 Inches	..\$11 00
40 "	22x30x14	30 "	.. 12 00
50 "	22x36x15	36 "	.. 13 00
75 "	22x48x17	48 "	.. 15 00

The Farmers' Favorite is used for a great variety of purposes, such as cooking grain and vegetables for stock and poultry. Heating water for scalding hogs and poultry. Boiling spraying mixture. Heating water on wash day. Heating water for washing dairy utensils. Rendering lard and tallow. Boiling sorghum.

Heating drinking water for stock. Syruping down. Boiling elder. Preserving and evaporating fruit. Sugaring off. Boiling sap. In addition to the above, by using a top plate in place of the boiler it converts the cooker into a first-class stove for warming a milk room, hog house, poultry house, cellar or shop. Can you think of any other farm implement that can be used for so great a variety of purposes? The farm equipment is incomplete without one of these cookers.

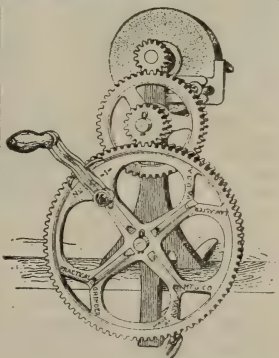
THE IRON KING CORN SHELLER

Has no equal. It is the best and cheapest Sheller on the market. Price, \$1.50.

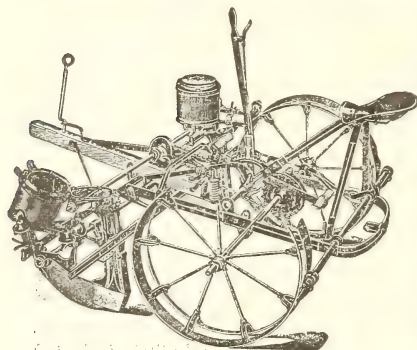


EMORY GRINDSTONE WHEELS.

After numerous tests, comparing Alundum grain with other abrasive grains, including the Diamond, Alundum is found to exceed 9 1-2 inches in scale of hardness, where the diamond is 10. All spindles are cold-rolled steel. Best cast iron used for frames and gear wheels—positively no scrap iron. It will last a lifetime. No belts to break and no chains connecting gear wheels to buckle. No water required on grinding wheel and positively will not draw temper of the finest steel. Price \$1.75, \$2.50, \$5.00.



BLACK HAWK CORN PLANTER.



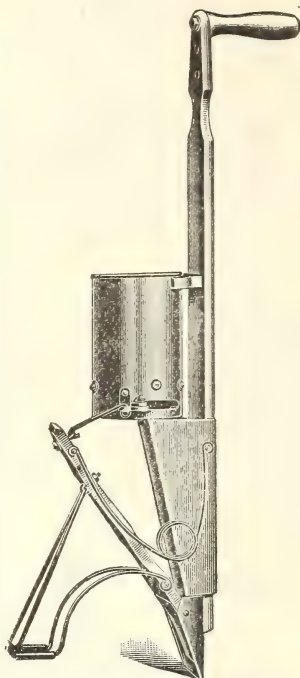
This plants two rows at a time and is the latest addition to the justly celebrated line of Planters. It is so simple that it is next to impossible for it to get 'out of fix', and in the matter of convenience is simply in a class by itself. The drop works on the 'edge selection' principle, taking advantage of the fact that kernels of corn, while varying greatly in size, are comparatively uniform in thickness. This gives the Planter an extremely accurate

drop. The valve mechanism is entirely enclosed within the shank, and is not affected by corn stalks or other trash. The corn is forced out of the heel in perfect check, regardless of the speed of the team, and there is no clogging of the heel. It is always ready for either hilling or drilling, no change of the valves being necessary and no change of plates for distances most used. The foot-drop is always ready for use and is convenient to the foot. While the front and back frames are extremely rigid, there is a spring connection between the two, allowing the Planter to follow the inequalities of the surface of the ground.

PURCHASERS OF BLACK HAWK CORN PLANTERS.

W. D. Clement, Lacona; G. E. Gillette, Clay; F. B. Loren, Central Square; C. W. Miles, Apulia Station; W. J. Norcross, N. Syracuse; A. M. Potter, Altmar; C. C. Babcock, Randallville; Frank Pangburn, Baldwinsville; S. C. Pendergast, Phoenix; Skiff Bros., Salina; Henry Lacy, Fred Volmer, Cicero; John Shanahan, Fayetteville, and many others.

Price for Corn Planter, Check Rower and Drill, **\$45.00.**
With Fertilizer attached, **\$55.00.**



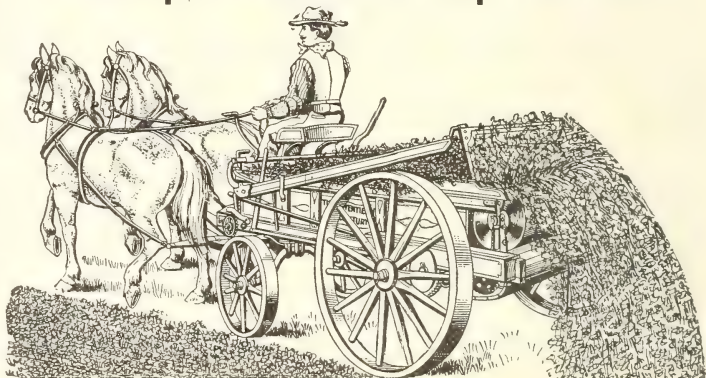
THE AMERICAN STANDARD HAND CORN PLANTER.

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. Price \$1.50

Some reasons why you should use a Kemp 20th Century Spreader.

It is the easiest way to spread manure. The fastest way. Supplants necessity of hired help. Increases value of manure 100 per cent. Makes most disagreeable job on farm pleasant. Stops the expense of commercial fertilizers. Triples the market value of land. Can be used every day in the year, something that cannot be said of many other farm machines. Always ready to load. Spreads so evenly, manure does not interfere when

Kemp Manure Spreader.



working the ground with other machines. Permits spreading after seeding or planting, also for top dressing. Spreads so thin over a meadow that it does not interfere with the pasturing of stock. Saves time and labor. Saves and makes money.

I buy these Manure Spreaders by the car load direct from the factory and am able to sell at a price that defies competition.

Economizes Labor.

PRICE—35 bushel capacity, \$110.

Saves Manure.

45 bushel capacity, \$115.

Increases Crops.

55 bushel capacity, \$120.

THE IMPROVED THREE-ROW CORN MARKER.



This cut shows our Steel Wing Marker. The runners are long, which enables it to make a true and even mark. It is adjustable to mark any width row and any depth desired.
Two-Row Marker for one horse, \$7.00. Three-Row Marker for two horses, \$8.50.

OSBORNE AND W. A. WOOD STEEL TEDDER.

The All Steel Tedder is conceded to be the best constructed and most durable on the market, and is absolutely guaranteed to do the work under all conditions. If not found satisfactory after a fair trial money will be refunded. Made of the best steel and carefully constructed throughout, and all parts are sufficiently strong for the wear and tear involved.

Have received a car load of these Tedders and am in position to make prices reasonable. These are made in 8-fork size only. Price \$38.00.

FARMERS' COMBINATION CLAMP AND DRILL.



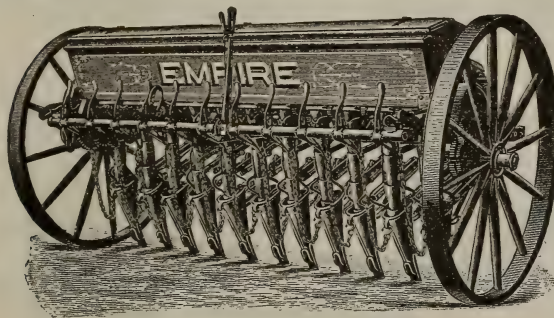
\$2.25 with Diamond Point Drills.
\$3.00 with Syracuse Twist Drills.

Extra Drills 10c each.
Extra Drills 25c each.

The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice, or hand drill.

THE BENIS PLANTER.

Sets all kinds of plants like cabbage, tobacco, etc. The success of plant setting is assured by its use. The most successful planter on the market. Made near by, and all parts supplied on a few hours' notice. **Price \$65.00.**



EMPIRE DRILL.

This grand, old reliable drill has been on the market beyond the memory of the oldest farmer and has always stood for that which is best. It sows perfectly all kinds of grass seeds and grain, and the fertilizer attachment is equal or superior to the best of its kind on the market. When you buy an Empire Drill it will last you for two generations and longer. The repairs for this Drill can always be found here. We have sold this drill for nearly forty years, and every Drill is guaranteed to do its work.

Price for 9-Tube Drill . \$80.00
" " 11-Tube Drill . 85.00

THE PROUT HOE.

This very practical tool is so well known that no description is necessary. It is a furrower, a coverer and a hiller combined. So simple, so handy, practical and good that you wonder why you did not own one before. **Price \$20.00.**

CHATHAM FANNING MILLS.

I offer this high grade Fanning Mill which will better meet the requirements of our farmers than those usually sold in this market. The easy and rapid work with bagging attachment commends itself. These mills come with a full set of sieves, suitable for all grain as well as grass seeds. Cleaning and grading them in a thoroughly superior manner. Price complete, \$28.00.

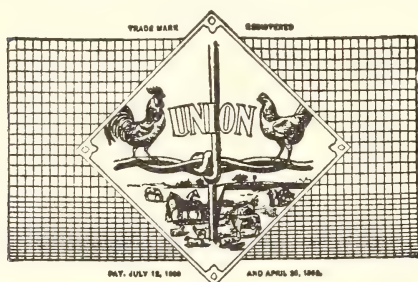
M. M. S. POULTRY FENCE.

It Has Points of Merit Worthy of Attention. No Top or Bottom Board Required. Only One-Half as Many Posts Required as for Netting. Adjusts Itself to Uneven Ground. Will Not Sag or Buckle.

The salient features of merit in this fencing are found in its multitude of horizontal wires, the cabled selvage and cable every foot in the height of this fence.

**RETAIL PRICE. STANDARD MESH.****RETAIL PRICE. CLOSE MESH.**

No. 19 Wire.			First Foot 1 3-4 in. Mesh.			No. 19 Wire.			First Foot 1 3-8 in. Mesh.		
Height.	10 Rods.	Foot.	Height.	10 Rods.	Foot.	Height.	10 Rods.	Foot.	Height.	10 Rods.	Foot.
1 ft.	\$1 50	1 c	3 1-2 ft.	\$3 50	2 1-2 c	1 ft.	\$1 75	1 1-4 c	3 1-2 ft.	\$3 75	2 3-4 c
1 1-2 ft.	2 00	1 1-4 "	4 ft.	3 75	2 1-2 "	1 1-2 ft.	2 25	1 1-2 "	4 ft.	4 00	3 "
2 ft.	2 25	1 3-4 "	5 ft.	4 50	3 "	2 ft.	2 65	2 "	5 ft.	4 75	3 1-2 "
2 1-2 ft.	2 75	2 "	6 ft.	5 00	3 1-2 "	2 1-2 ft.	3 00	2 1-4 "	6 ft.	5 50	4 "
3 ft.	3 10	2 1-4 "	7 ft.	5 75	4 "	3 ft.	3 50	2 3-4 "	7 ft.	6 00	4 1-2 "

**UNION LOCK POULTRY FENCING**

A Fence---Not a Netting.

Price per roll of 10 rods.

12 inches wide	\$1 50
18 "	2 25
24 "	3 00
36 "	3 50
48 "	4 25
60 "	5 00
72 "	5 50

Write for discount.

REX FLINTKOTE ROOFING.

A permanent roofing for factories, business blocks, public buildings, ice houses, farm buildings, poultry buildings, dwellings, sheds, etc.

Made from best non-conducting wool felt, thoroughly and evenly saturated with compounds containing no tar or asphaltum, which renders the roofing WATER ACID, ALKALI, STEAM and GAS FUME PROOF. Unaffected by heat or cold, FIRE RESISTING, and therefore endorsed by many boards of fire underwriters.

Rex Flintkote may be laid by any man following plain directions—everything required (except a hammer) is in each roll. The labor is simple and quick.

Cheaper, more durable than best shingles or metal roofing.

Descriptive booklet, samples and prices given on application.

PRICE LIST.

1-2 Ply per square (100 square feet)	\$1.75
1 " " " (100 " " "	2.25
2 " " " (100 " " "	3.25
3 " " " (100 " " "	4.00

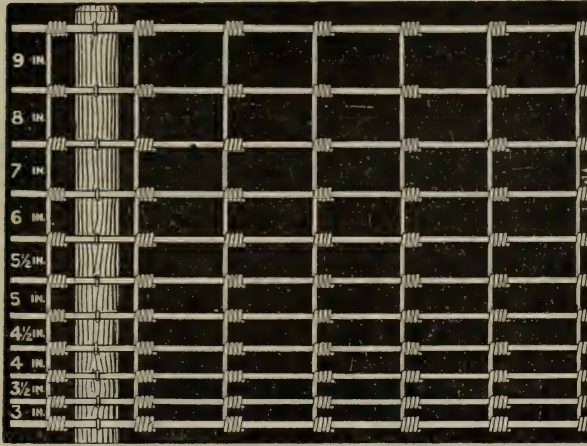
RED ROPE ROOFING. 250 square feet to the roll, \$2 50 per roll.

TARRED ROOFING. 2-ply, 108 square feet to the roll, 90c per roll.

3-ply, 108 square feet to the roll, \$1.00 per roll.



"AMERICAN" SHEEP, HOG AND CATTLE FENCING



Price never so low. You can now
fence at a small cost. Have 3 cars in
stock of the leading sizes.

The fence that fences and stays fenced. You can rest easy and need fear no danger from stock getting out.

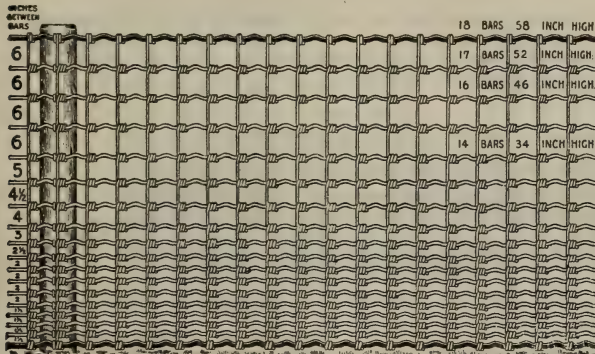
Everything for Sheep, Hogs and Cattle, made in two weights, medium and heavy.

Prices reasonable.

Ask for Booklet.

The Lott Fence Stretcher should be owned by every farmer. The only tool for putting up the American Field and Hog Fencing.

Price, \$5.00.



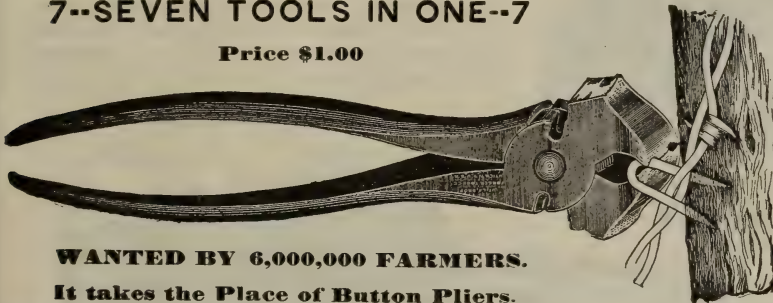
POULTRY, RABBIT, HOG AND CATTLE FENCE.

A strong, practical, Hog, Cattle, Poultry and Rabbit fence. Also, an excellent garden fence. It is used extensively as a hog fence. The light specifications make a fence strong enough to turn stock. It is more durable than netting.

This Fencing comes in 8 to 16 bars, either in 6 or 12 inch stays, 20 to 58 inches high.

Price, 25cts. to 45cts. per rod.

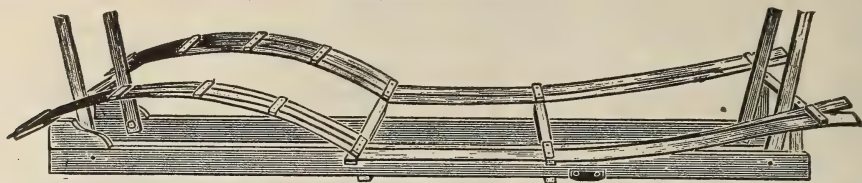
7--SEVEN TOOLS IN ONE--7

Price \$1.00

MERIDIAN HAY RACK.

We combine in our Hay Racks, simplicity, lightness, strength and durability, too well known to require any recommendation. Manufactured of selected lumber and well bolted.

Price, 16-foot racks, \$13.00. 14-foot racks, \$12.00.



OUR IMPROVED SLIP.



The above cut represents our Improved Slip, which any farmer can make by using our castings, which are shown in the front part of the cut. These castings are all finished and ready for the 3x6 inch maple runners. Since it is impossible to get Slip Runners sawed with the right sweep, an farmer will appreciate the benefit of our castings at a glance.

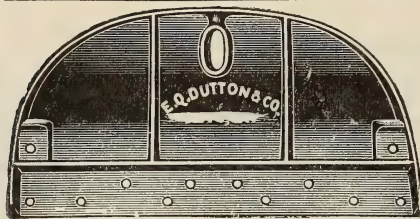
All complete like above cut, \$8.50.

Set of Shoes for above, \$2.75.

IRON HOG TROUGHS.



No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes 8, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 50 cents per foot.



IRON STONE BOAT HEAD.

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price \$3.00 Each

GARDEN BARROWS.

\$3.00 to \$5.00.

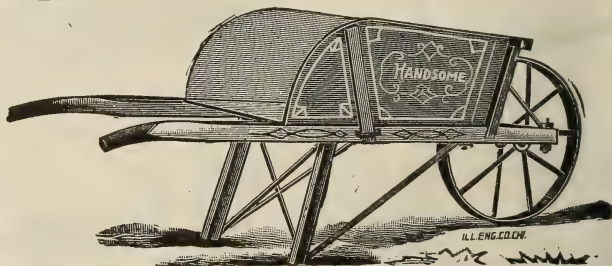
DIRT BARROWS.

\$2.00. \$2.25.

STABLE BARROWS,

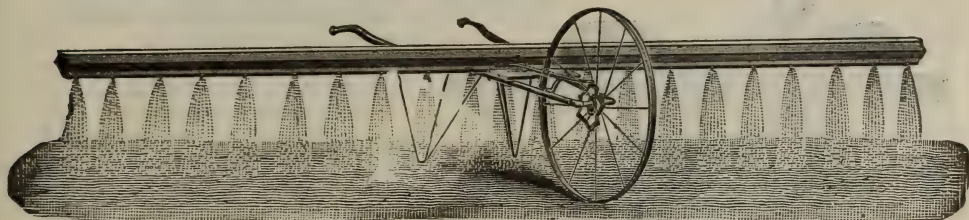
STEEL TRAY,

\$3.50 and up.



"WE SELL HARDWARE, GLASS, PUTTY, NAILS, CUTLERY, ETC."

WHEELBARROW SEEDERS.



WITH WOOD OR IRON FRAME.

They can be worked by anyone who can run a wheelbarrow,
Price, 14-foot, \$6.00; 16-foot, \$7.00.

THE LITTLE GIANT SEED SOWER.

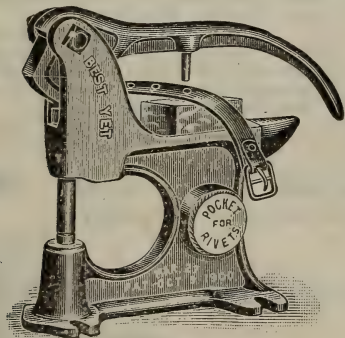
This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

They save one-third seed and two-thirds labor.

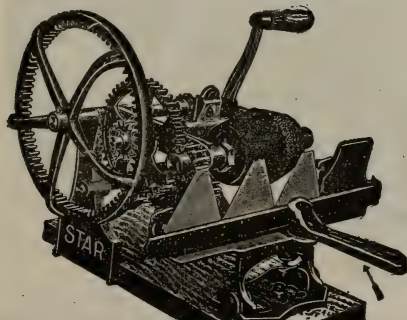
CRANK SEEDERS	-	-	-	\$2.00
FIDDLE SEEDERS	-	-	-	\$1.50

THE "REX" RIVETER.



THE BEST.

The cheapest, most durable and the most practical Riveting Machine on the market.
Price 50c and 85c.



STAR SICKLE GRINDER, \$5.00



Eureka Kitchen Garden Seed Drill and Hot Bed

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity. Force Feed. It is only intended for small Gardens and Hot Houses.

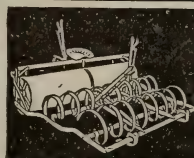
Sows up close to the sides in straight rows. Sows the small packet of seed as well as a larger bulk. This Drill is not a toy, but a strong, practical machine that will last many years.

P R I C E

D I S C O U N T

TO THE TRADE

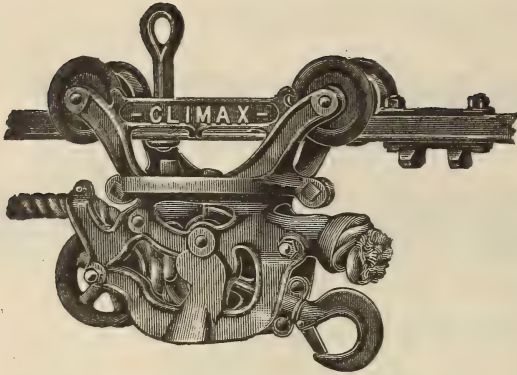
\$1.25



Imboden's Harrow on free trial, without money in advance. Return at our expense if it does not please you. Fixtures to use Harrow and Roller separate and to make a riding cultivator. Guaranteed combined to give 50 per cent. better and nicer seed bed in half the time. Field looks like a garden, no foot prints are left. Can see check marks easier. Saves 1 team, and no heavier draft. A boy can do the work and ride. Operate teeth any depth, is ready in a second to move. Hundreds of them in use since 1900. Just ask for reports, description, price and terms. Agents wanted.

Sold by F. H. EBELING.

Price \$38.00.



THE NEW CLIMAX OPEN THROAT CARRIER.

With this carrier, it is possible to fill the mow closer to the comb of the roof than with any other carrier on the market. The throat has an exceptionally large opening, and the simple locking mechanism is so arranged that the lifting head or pulley looks directly on the sides or frame of the carrier, not depending on separate dogs or locks to hold the load. It is constructed and operated without the use of springs, and engages projections upon lifting pulley in a line with axis of pulley. This permits the pulley to swing very near the track and enables the carrier to work under conditions where any other carrier would necessarily fail.

It is not just a coincidence that the leading ensilage makers of the country are using "Ohio" Blower Outters. They are not "dead ones." They bought the machines with their eyes wide open. They investigated and found the very best reasons for preferring Ohio Machines to others. If you will investigate you will be convinced by the same reasons. No practical ensilage maker can hold out against such Ohio advantages as the great big throat, the bull dog grip of feed rolls, the perfect self-feed, the freedom from complicated gear wheels and direct application of power. You can't help but appreciate the big amount of work done with a small amount of power. The work goes right along without interruption or annoyance. You can have an "Ohio" that will handle your corn at the rate of 30 tons an hour. You can have a smaller machine if you want it. "Handling" means not only cutting the corn into proper lengths. It means also elevating into the silo. Ohios have the most powerful and perfect working Blower Elevating System of any ensilage cutter made.

Get our fine free Ensilage Cutter Book. Read it and know the reasons why Ohio Machines are the favorites wherever they go. There is no charge. Send a postal.

F. H. EBELING, *Seeds and Hardware.*

REVERSIBLE HAY CARRIERS.

For either Steel or Wood
Track.

Light and Durable. Runs either way on the track without changing.

Price, \$4.50.

Ney Hay Car, steel or wood track,	\$4 50
Climax Car, open throat,	4 50
Diamond Car, wood track,	4 50
Double Harpoon Forks,	1 00
Double Harpoon Alfalfa Fork,	5 00
Steel Track per foot,	11
Pulleys in Wood and Iron, each,	25c to 75
Hanger Hooks, doz.,	75
Brackets, doz.,	50
Floor Hooks, each,	10
Tedder Teeth, each,	30
Horse Rake Teeth,	25
Rope, best Manila, at lowest prices.	
All Steel Hay Tedder,	36 00
Adriance Steel Rake,	22 00 to 25 00
New Yorker Horse Rake,	20 00 to 24 00
We carry Haying Tools of all kinds.	
Also Teeth for all Rakes and Tedders.	

SOME GOOD

SECOND HAND IMPLEMENTS

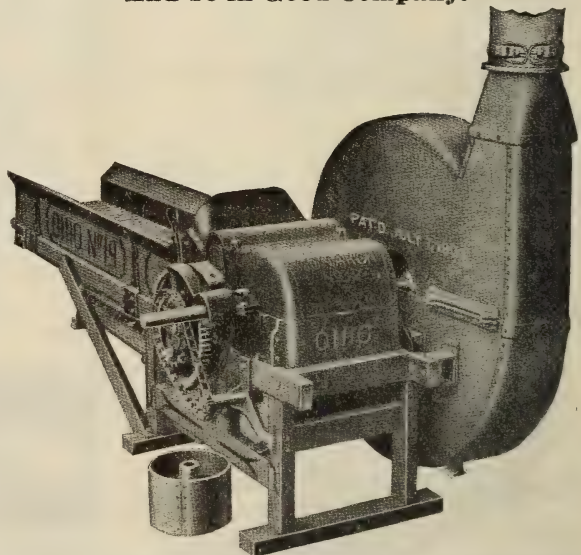
(Taken in Exchange),

AT A LOW PRICE:

One 2-Horse Corn Planter.
One Horse Rake,
Two Mowing Machines,
One Tedder, 1 Corn Binder,
1 Wood Roller, 4 Good Lum-
ber Wagons, 1 Spring Tooth
Harrow.

These we sold at a bargain.

MAKE ENSILAGE THE "OHIO" WAY
And be in Good Company.



THE STERLING HAY LOADER

A Labor Saving Wonder.

Insures your hay crop in catchy weather. Cuts the cost of labor one-half. Will pay for itself in one season.

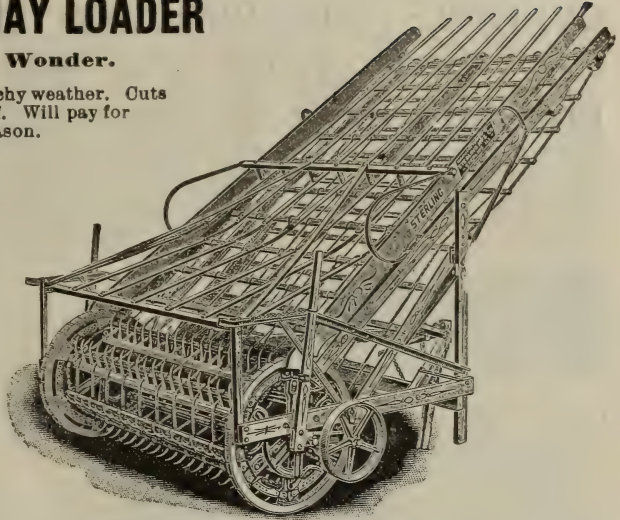
The Only Light Two-Horse Loader That Will Load Bunches and Heavy Wind-rows Without Damage to Loader.

Price, \$60.00.

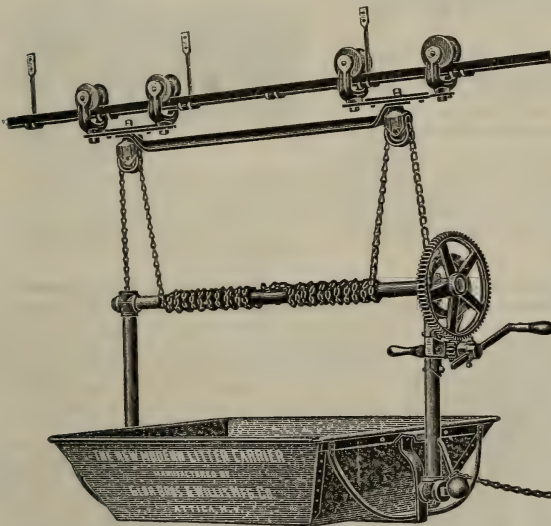
It is Absolutely Guaranteed.

Sold only by

F. H. EBELING.



THE NEW MODERN ENSILAGE AND MANURE CARRIERS.



The "GLOR"

NEW

MODERN

STANCHION

Iron or Wood.

Chain or

Swivel Hung.



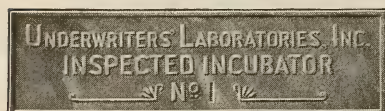
Light, durable, easy on the cow, yet holding her securely. Furnished with or without either wood or steel frame. Price, \$1.50.

Litter Carrier, Double Trolleys and Chain, \$30.00. Litter Carrier Single Trolleys and Single Chain, \$25.00. Track, Including 10 inch hangers every 28 inches, per foot 18c. Switch Adjusters, complete, \$5.00. Curves, Including 10-in. hangers every 14 inches, per foot 24c. Latches, each, 75c. Automatic Latch Shoes, 75c. 2 Way Switch, \$2.00. Any parts breaking within a year as the result of defective material, will be replaced free of charge.

The following persons are using our Carriers: B. F. Hill, Chittenango; Pearl Peck, Earlville; Hubbs Bros., North Manlius; F. W. Fenner, Baldwinsville. Ensilage Carriers. George F. Carter, Court street, Syracuse; L. A. Faulkner, Court street, Syracuse; E. F. Evans, Skaneateles; George Olcott, East Syracuse; William Hiller, East Syracuse; B. W. Morey, Syracuse; Charles Congdon, Court street, Syracuse; J. C. Mautz, East Syracuse; H. S. Munro, Camillus; M. J. Whelan, East Syracuse; G. Mautz, East Syracuse; G. A. Palmer, Clay; Charles Hessler, East Syracuse; W. E. Ladd, Chittenango; Charles Williams, Elmwood; J. N. Dando, Skaneateles, and many others.

CYPHERS FIRE-PROOFED INSURABLE INCUBATORS AND BROODERS.

FOR 1910 We offer customers an extraordinary improvement in Incubators and Brooders. It is the talk of poultry raisers that Cyphers Incubator Company of Buffalo, N. Y., have succeeded in perfecting such an advanced line of Fire-Proofed Incubators and Brooders that the National Board of Fire Underwriters has given them a special preference; has recognized them as superior fire-proofed machines; and in proof thereof has granted the Cyphers Company the right to affix to every inspected machine a metal label signifying that the machine comes up to their requirements and has therefore been passed by them.



Insurance Inspection Label granted to Cyphers Incubator Company on Fire-proofed Incubators. At its date the only one ever granted.

If you have, or if you want, insurance on your house or on your buildings you must use a machine that bears the label or in case of fire you may lose all. Therefore, don't buy an Incubator without the label. It would not be wise to buy one simply because it is said to be cheap. It would not be wise to accept one even as a gift.

DON'T RISK LIFE AND PROPERTY BY BUYING A MACHINE WITH NO LABEL.

The label protects you. It signifies that the machine bearing it has withstood the severe tests and inspection of the National Board of Fire Underwriters.

When you buy an Incubator or Brooder your first question will now be, Is it insurable? Does it bear the Insurance Label? After that comes the question—Is it the best Hatcher? If not, you don't want it. Buy the Incubator that has stood the test of hatching year after year and is acknowledged to be the best by the most successful poultrymen—those who have made money in the business.

The principle of construction that has made Cyphers Incubator the leader for the past twelve years remains unchanged. The non-moisture principle, the self ventilating principle, the self-

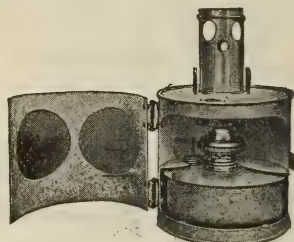


STANDARD
CYPHERS INCUBATOR.
Fire Proofed—Insurable.

Cyphers 1910 Standard Incubator. Fire-Proofed and Insurable. Inspected and passed by the National Board of Fire Underwriters and bearing their Insurance Label.

SEE THIS INSURANCE LABEL THE FIRST EVER GRANTED

on Incubators and Brooders. In future, therefore, our customers who buy Standard Cyphers Machines will find the label affixed to their machines. There is no other way to prove that an Incubator or Brooder is Fire-Proofed.



Cyphers Company New Patented
Fire Proof Lamp Enclosures
inspected and passed by the
National Board of Fire Under-
writers.

regulating principle, in fact, the whole hatching principle is as it has been many successful years. This enables the manufacturers to guarantee more and stronger chicks than any other machine can hatch. It is well known that Cyphers Incubators are used by more Government Experiment Stations, large practical poultry plants, leading fanciers and exhibitors, and large, successful duck farms than all other makes combined. We will send you the proofs if you are interested enough to write for fully illustrated description of these superior machines.

SIZES AND PRICES.

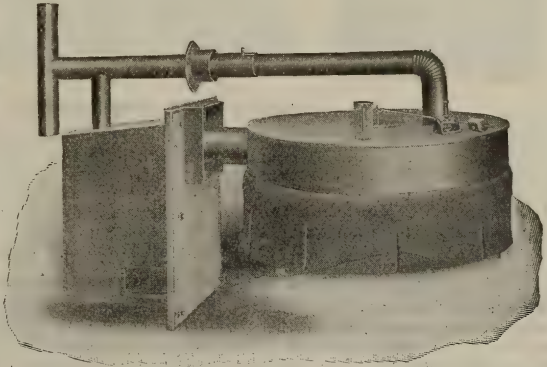
No. 0	Holds 70 Eggs	\$15.00
No. 1	" 144 "	22.00
No. 2	" 244 "	32.00
No. 3	" 390 "	38.00

CYPHERS UNEQUALLED INSURABLE COMBINATION BROODERS AND COLONY COOPS

FOR 1910 Cyphers Unequalled Brooders possess the same advantage over other makes that are possessed by their 1910 Incubators, in that they are Fire-Proofed and Insurable. They have been severely tested by the National Board of Fire Underwriters; have come up to their requirements; have therefore been passed by them, and have been granted the first Insurance Inspection Label ever issued on a Brooder. Experienced poultry men know that it is more important that a Brooder should be fire-proof than that an Incubator should be. The floor is covered with straw or other litter that easily catches fire. The machine is used outdoors and requires more heat to bring it to the proper temperature—a larger flame than an incubator. These conditions made it much more difficult to comply with the insurance companies' requirements; but after years of effort and experimenting the Cyphers Company has accomplished it; has complied with the new rules; has had its brooders inspected and passed; and in addition has constructed a better line of Brooders than has ever before been placed upon the market. It has often been said by users of Cyphers Brooders that

THEY MOTHER THE CHICKS BETTER THAN A HEN

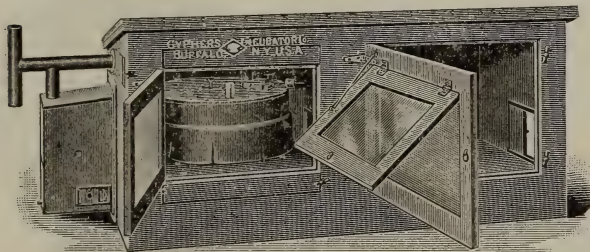
Cyphers 1910 Brooders are all self-regulating and self-ventilating. The Outdoor Brooders are also usable as colony coops for the growing chicks. They are easily converted into colony coops by simply taking out the hover which is made removable for that purpose. This double use of the brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders can also be used indoors, although we have a special brooder for indoor purposes.



Cyphers Company 1910 Adaptable Hover; Fire-Proofed; Insurable; Self-Regulating; Self-Ventilating. Inspected and passed by the National Board of Fire Underwriters and bearing their Insurance Label.

In addition to this splendid line of Brooders we offer separately the Cyphers Adaptable Hover. It is designed to be used anywhere where heat is required for brooding chicks. It can be used in the corner of a colony house, hen house, barn or other building with or without any additional enclosure for the chicks. It is especially recommended for use in long brooding houses—a separate Adaptable Hover for each pen.

A second great advantage possessed by the Cyphers line of Brooders for 1910 is its self-regulating feature. Formerly the Self-Regulator was attached only to our highest priced brooder; but it was so well received that it is now attached to all Cyphers Company Brooders. It automatically regulates the heat in the Brooder at all times, whereas in brooders without the regulator the heat has to be governed by a continuous watching of the lamp and turning it up or down whenever more or less heat is required.



Cyphers Combination Outdoor Brooder and Colony Coop for 1910 Pattern; Fire-Proofed; Insurable; Self-Regulating; Self-Ventilating. Inspected and passed by the National Board of Underwriters and bearing their Insurance Label.

For your own sake, for your own safety when buying a Brooder ask Is it insurable? Does it bear the Insurance Label? Write for fully illustrated description of this leading line of Brooders.

SIZES AND PRICES.

Cyphers Fire-Proofed Brooders.	
Adaptable Hover, 75 chicks	\$ 8 50
Style A Outdoor Brooder,	
75 chicks	\$12 50
Style B Outdoor Brooder,	
100 chicks	16 50
Style C Outdoor Brooder,	
100 chicks	18 50
Style D Indoor Brooder,	
75 chicks	11 50

CYPHERS CHICK FOOD.

THESE PRICES SUBJECT TO CHANGE.



This is a complete, scientifically compounded food, containing a mixture of many different seeds and granulated grains, properly proportioned to meet all the requirements of little chicks, from the shell to weaning age. No other food will produce as strong, sturdy chicks, or as rapid, healthy growth. Cyphers chick food is a granular food, intended to be fed in the litter. Full directions for feeding are on every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, per 50 lb. bag, \$1.50; 100 lb. bag, \$2.75.

CYPHERS DEVELOPING FOOD.

Cyphers Developing food is a special food intended for properly maturing young chicks after they are ready to be weaned from chick food, and to carry them along to the age when it is desirable to place before them the larger whole grain. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

CYPHERS FORCING FOOD.

This is an ideal ground grain mash food mixture, especially designed to promote rapid growth. It contains, in addition to ground grains, a sufficient amount of meat food and meal clover, making it ready for immediate use by simply mixing with the amount of water required to make a crumbly mash. It will produce well developed, plump, attractive broilers or roasters in the shortest possible time. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

CYPHERS SCRATCHING FOOD.

This is the best dry grain mixture for feeding half-grown chicks or laying stock. It is made of seeds with whole and cut grains, proportioned to give the best results. Fed in the litter, it is the best exercise food ever offered for use of poultry. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturers' trade-mark and guaranteed analysis. Price, 50 lbs. \$1.15; 100 lbs. \$2.25.

CYPHERS LAYING FOOD. Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

CYPHERS SHORT-CUT ALFALFA. Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.00.

MEALD ALFALFA. Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

CYPHERS SHREDDED ALFALFA. Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.00.

EBELING'S POULTRY CHARCOAL.

EBELING'S CHARCOAL is especially prepared for poultry. It is carefully and uniformly graded in just the right sizes, is free from ammonia or other dangerous poisons, contains no useless dust or dirt and is the best charcoal sold for poultry.

It is manufactured in four grades: X (fine powdered), for mash foods and ducks; XX (fine granulated), for brooder chicks and dry chick food mixtures; XXX (medium granulated), for half-grown fowls and pigeons; XXXX (coarse granulated), for full grown fowls, geese and turkeys. Put up in tight 50 pound bags. Price, per bag, \$1.25.

EBELING'S GUARANTEED EGG MAKER.

We have been in the business of handling Poultry Supplies over twenty-five years. During this period we have handled scores of so-called Egg Foods, Egg Stimulants, Etc. Some of them have been good, some fair, most of them worthless. We offer EBELING'S GUARANTEED EGG MAKER as a genuinely good and satisfactory Egg Food. We call it guaranteed because IT IS GUARANTEED, GUARANTEED to result in more eggs when used in accordance with directions accompanying each package.

EBELING'S GUARANTEED EGG MAKER is an honest article, contains nothing but tried and proven ingredients that stimulate in a natural and healthy manner the egg producing organs of the fowl and furnishes material for eggs, lots of eggs. The use of this food helps fowls over the moulting period, makes smooth and even feathers and builds up the system and keeps it built up. The use of Ebelling's Guaranteed Egg Maker insures bright red blood and adds vigor and stamina to the entire flock.

Price, 42 oz. package (over two and one-half pounds) containing 70 feeds for 20 fowls, 25 cents per package.

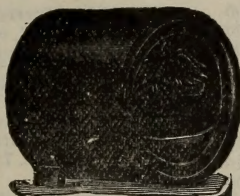
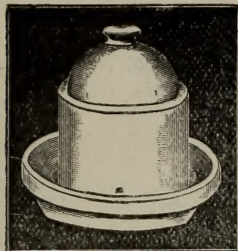


For Prices of Goods on this page, see following two pages.

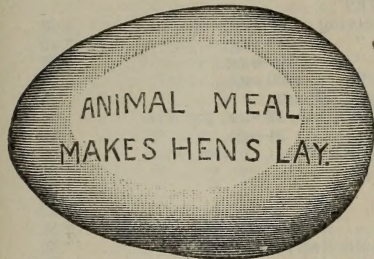
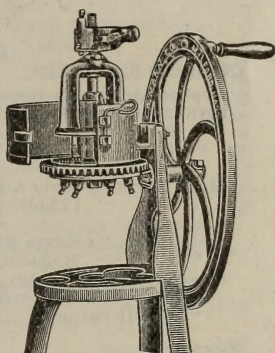
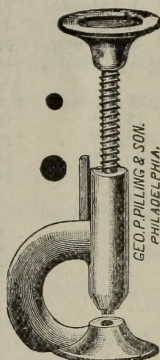
E. H. M. Poultry Fountains.

W. R. Poultry Fountains.

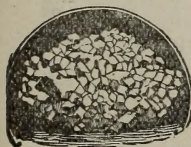
PHILADELPHIA MANN'S CELEBRATED
POULTRY MARKER. GREEN BONE CUTTER.



Eureka
Non-Freezing.



GRANITE CRYSTAL GRIT MAGNIFIED.
Crystal Formation.

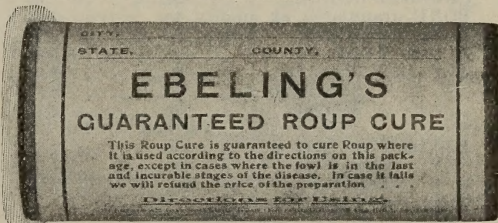


BEFORE.



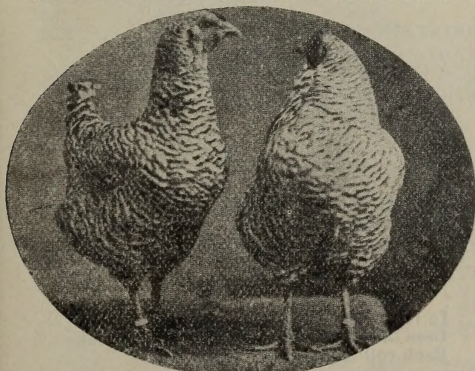
AFTER.

Being Acted Upon by the Gizzard.



ADJUSTABLE ALUMINUM LEG BANDS.

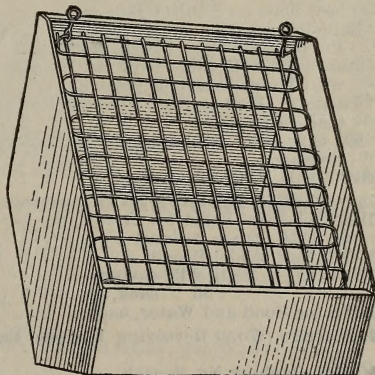
® A 9663



POULTRY SUPPLIES.

We call special attention to the last pages of this Catalogue which contain a complete list of Poultry Supplies. All goods guaranteed.

"THE BOSTON"
POULTRY DRY FEED HOPPER
Holds 1-2 Bushel.
Price, \$1.25 and \$2.50.



POULTRY SUPPLIES

CYPHERS INCUBATOR, No. 0, 70-egg.	\$15.00
" " " 1, 144-egg.	22.00
" " " 2, 244-egg.	32.00
" " " 3, 390-egg.	35.00
" " Farm Economy,	12.00

CYPHERS BROODERS

Cyphers Adaptable Hover, 75 chicks	\$ 8.50
Style A, Outdoor Brooder 75	12.50
" B, " " 100 "	16.60
" C, " " 100 "	18.50
" D, Indoor " 75 "	11.50
Metal Parts for Style A Brooder	6.00
" " " Colony without Regu-	
lator,	6.00
Metal Parts for Storm King,	6.00
" " " Hygienic,	6.00
Stoves (Cyphers Safety),	1.75
" (Cyphers Improved),	1.75
" (1907 Pattern),	1.50

	Per lb.	Per 100
BEEF SCRAPS,	3 1-2c.	2.75
BEEF MEAL,	5c.	4.00
CRUSHED SHELL,	2c.	.60
BONE, granulated, ex. quality,	4c.	2.75
BONE MEAL, Raw,	3c.	2.75
BLOOD MEAL,	6c.	5.00
ALFALFA, Short Cut,	3c.	2.00
" Shredded,	3c.	2.00
" Mealed,	3c.	2.25

	Per doz.	Per 100
BANDS, Ideal Leg,	15c.	1.00
" Champion,	15c.	1.00
" Pigeon Leg,	25c.	2.00

BONE CUTTERS

Mann's, No. 5 C., with Crank Handle,	6.00
" No. 5 B., with Balance Wheel,	8.00
" No. 5 B. M., with Iron Stand	
and Balance Wheel,	10.40
Mann's, No. 7, Balance Wheel,	12.00
" No. 7 1-2, Semi-Power,	16.00
" No. 9, with Balance Wheel and	
Iron Stand,	18.40
Mann's, No. 11, Power Machine,	26.00
" No. 12, " "	30.00

CLOVER CUTTER, without stand,	8.50
" " with stand,	10.50

BOXES FOR GRIT AND SHELL, each,	.50
---------------------------------	-----

BOWKER'S ANIMAL MEAL, 10 lb. bags,	.30
" " " 25 " "	.63
" " " 50 " "	1.25
" " " 100 " "	2.25

BONE AND SHELL MILL (see Mill)

BOOKS—POULTRY

999 Questions and Answers, latest and best book on Poultry Raising,	1.00
Reliable Poultry Remedies. How to Prevent and Cure Diseases (84 pages),	.25
Ducks and Geese. How to Succeed with Water Fowls (68 pages),	.50
Turkeys. How to raise Turkeys Profitable (84 pages),	.50
500 Questions and Answers in Poultry Raising,	.50

BROODER STOVES,

CAPONIZING INSTRUMENTS (postpaid)	2.75
-----------------------------------	------

CEMENT (Tar Paint for Roofs), per gallon, \$0.50; three gallons,	1.25
------------------------------------------------------------------	------

COOP, New Model Brood,	3.50
------------------------	------

CHARCOAL, Nodi, 2 lb. carton,	.10
-------------------------------	-----

" " 50 " sack,	1.25
----------------	------

CUPS for Food and Water, each,	.15
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● CABINETS (Wood Revolving Egg (see Egg Cabinet.)	
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● COOPS, Cyphers No. 2, each,	.50
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" " No. 4, " "	.60
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" " No. 6, " "	.75
----------------	-----

CORN SHELLERS (Iron King), each,	1.50
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CAPONIZING SET, each,	2.50
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CANDLE, Sulphur Fumigating, each,	.15
-----------------------------------	-----

COOKERS, Food, 30 gal. size, each,	11.00
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CUTTERS

Clover, Mann's, less Stand,	8.00
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" " with Stand,	10.00
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Banner Root, No. 7,	5.00
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Fancier's Root,	1.00
-----------------	------

Root, Pulley and Crank, No. 26,	12.00
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" (Crank only),	11.00
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EGGS for Hatching,	Price on application
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EGG Package Imperial (see Package.)	
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EGG CABINET

Wood Revolving, 150-egg,	3.00
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" " 288-egg,	5.00
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" " 560-egg,	6.25
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" " 1050-egg,	10.00
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Wood's Pony, 72-egg,	.75
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EGG BOXES (Paper), 12 egg, per doz.,	.25
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" " 24-egg, " "	.45
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EGG CARRIERS (Wire), 6 doz., each,	1.20
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" " " 9 " " "	1.40
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" " " 15 " " "	1.60
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" " " 28 " " "	2.20
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" " " 30 " " "	2.50
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EGG, Porcelain Nest, per doz.,	.30
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EXTRACTORS, each,	.25
-------------------	-----

EGGS, Medicated, per doz.,	.40
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" Preservative, 1 gal. jugs, each,	1.00
------------------------------------	------

EGG CASE, 30 doz. size, each,	1.25
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FOOD

Cyphers Chick,	per lb., 3c.; per 100 "	2.75
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" " " 50 "	1.50
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" " Forcing, " " 3c.; " 100 "	2.25
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" " Scratching, " " 3c.; " 50 "	1.25
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" " " 3c.; " 100 "	2.25
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" " Developing, " " 3c.; " 50 "	1.15
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" " " 3c.; " 100 "	2.25
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" " Laying, " " 3c.; " 50 "	1.25
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" " " 3c.; " 100 "	2.25
--------------------	------

FOOD HOPPERS (see Hoppers.)

FOOD HOLDERS, small, each,	.75
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" " medium, each,	1.00
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" " large, each,	1.25
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FOUNTAINS

Wall, 1 gallon, each,	.50
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" " 2 " "	.75
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Drinking, Galv. Iron, small, each,	.20
------------------------------------	-----

" " " medium, each,	.25
---------------------	-----

" " " large, each,	.35
--------------------	-----

" " " special duck,	.50
---------------------	-----

FOUNTAIN (Warm Water Drinking),	3.00
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FOOD OR WATER CUPS (see Cups.)

FENCING, M. M. S. Poultry, No. 19, Galv. Wire.

In. high.	Per bale.	In. high.	Per bale.
-----------	-----------	-----------	-----------

12	\$1.50	42	\$3.00
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18	2.00	48	3.75
----	------	----	------

24	2.25	60	4.50
----	------	----	------

30	2.75	72	5.00
----	------	----	------

36	3.00	84	5.75
----	------	----	------

Each roll contains 165 f. et long.

FENCING, REGULAR POULTRY, 2 inch mesh.

2-inch mesh.	12-inch.	2 inch mess	48 inch
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2 " "	18 " "	2 " "	60 " "
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2 " "	24 " "	2 " "	72 " "
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2 " "	36 " "		
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In full rolls 1-2c. per square foot.

Less than full rolls 3-4c. per square foot.

Each roll contains 150 feet.

UNION LOCK POULTRY FENCE—A fence, not a netting. Price per roll of 10 rolls.

12-inch	\$1.50	48 inch	\$4.25
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18 " "	2.25	60 " "	5.00
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24 " "	3.00	72 " "	5.50
--------	------	--------	------

36 " "	3.50		
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FLY PEST, Cyphers Anti, 1-2 gal., each, .	.50
" " " " 1 " " " "	.75
" " " " 5 " " " "	3.50
GRIT, Crystal Granite, in three sizes, X, XX, XXX	
Per lb., 2c.; per 100, .	.75
GRIT, Foust Health, per lb., 3c.; " 100, .	2.60
GUN, Jumbo Powder, each, . . . . .	.25
GRAINS, Cora Cracked, per bushel, . . .	1.00
" Canada Peas, " " " " " "	2.00
" Wheat, Red, " " " " " "	1.75
" Buckwheat, " " " " " "	1.25
" Millet, " " " " " "	1.75
HOUSE, Shed Roof, each,	20.00
" Suburban Portable, each,	25.00
" Hare-Curtis Poultry, each,	20.00
" Apex Poultry (no Runway), each, . . .	10.00
" " " (with Runway), ea.	15.00
" Cypher's Colony, each,	8.00
HOPPERS, Dry Food, each, . . . . .	.75
KNIVES, Poultry Killing, each, . . . . .	.50
LICE REMEDIES (see Powders.)	
MACHINE, Simplex Crumming, each, . . .	10.00
MARKERS, Philadelphia Poultry, each, . .	.25
MILL, Green Bone (see Bone Cutters.)	
" Dry Bone and Shell (without stand)	
each,	5.00
MILL, Dry Bone and Shell (with Stand),	
each,	7.00
MILL, Tennessee Grinding, each,	2.00
" (Extra Grinders for same), each, . . .	.25
" Oriole Farm and Grist, No. 2 1-2,	
each,	25.00
MILL, Balance Wheel Grist, each,	2.25
MEDICAL AND SURGICAL CASE, Cy-	
pher's Poultry, each,	3.00
MEDICAL CASE, Separate, each,	2.00
SURGICAL " " " " " "	1.50
MOISTURE DEVICE, Automatic, each, . . .	1.50
NEST WIRE, each, . . . . .	.15
NAPCREOL, 1 quart, each, . . . . .	.50
" 2 " " " " " "	.85
" 4 " " " " " "	1.50
NESTS, Earthen Pigeon, each, 15c.; doz.,	1.75
PACKAGE, Imperial Egg, 15-egg, doz., .	2.25
" " " 30 " " " "	2.75
" " " 45 " " " "	3.75
PAINT, White Water (Painting inside of	
Poultry Houses, per lb., 8c.; per 100, .	6.00
PAINT (Liquid), 1 quart, . . . . .	.35
" 2 " " " " " "	.60
" 1 gallon,	1.00
PERCH SUPPORT, Lice-Proof, per pair, .	.25
" Pigeon, each, . . . . .	.10
PHILADELPHIA POULTRY MARKER,	
POULTRY BOOKS (see Books.)	.25
POULTRY HOUSES AND FIXTURES	
Plans for Practical Building and Equip-	
ment (36 pages), (H), . . . . .	.35
200 Eggs a Year per Hen, and How to	
Get Them, . . . . .	.50
Pigeons, All About Them. (Maj. Gilbert),	1.00
Poultry Craft,	1.50
Broilers and Roasters, . . . . .	.50
Farm and Poultry Doctor, . . . . .	.50
A Living from Poultry, . . . . .	.25
Cyphers Series, Nos. 1 to 6, . . . . .	.50
" " No. 7,	1.00
" " No. 8, . . . . .	.25
POWDER, Lambert's Lice, 5 oz., . . . . .	.10
" " " 15 " " " "	.25
" " " 48 " " " "	.50
" " " 100 " " " "	1.00
REGULATORS, Electric, each,	22.00
REMEDIES	
Cyphers Poultry (Case complete), each, .	2.00
(Single Vials), each, . . . . .	.25
ROUP CURE, Ebeling's Guaranteed, . . .	.50
" Conkey's, 25c. 50c. and 1.00	
" Rust's, 25c. and .50	

ROOT CUTTERS (see Cutters.)	
ROOFING, Flintkote, 1-2 ply, per square, .	1.75
" " 1 " " " " " "	2.25
" " 2 " " " " " "	3.25
" " 3 " " " " " "	4.00
Each roll contains one or two squares.	
ROOFING, Cypher's Red Rope, . . . . .	.90
100 square feet, per roll,	4.00
500 " " " " " " " "	4.00
ROOFING, Tar, 2-ply, 100 square feet, .	.85
" 3 " 100 " " " " " "	1.00
" CAPS, Tin, per lb., . . . . .	.07
" NAILS, per lb., . . . . .	.05
SHELTERS, Chick, 6 feet, per lb.,	4.50
" 12 " " " " " " " "	7.00
SHELLS, Oyster, per 100, . . . . .	.60
Special price for larger lots.	
SULPHUR FUMIGATING CANDLES (see Can-	
dles.)	
SPRAY PUMPS, for Spraying Whitewash,	
each, \$3.00 and 5.00	
SPRAYERS, Compressed Air, Galv. Iron,	
each,	5.00
SPRAYERS, 50c. to 1.00	
STAPLES, Fence, per lb., . . . . .	.05
" Poultry Fence, per lb., . . . . .	.10
SHEETING, Waterproof, 25 yard lots, 4	
inches wide, per yard, . . . . .	.20
SALT CAT, per brick, . . . . .	.20
" per dozen,	1.75
Add 20c. extra for postage.	
THERMOMETER, Incubator, each, . . . .	.60
" Brooder, unmounted, . . . . .	.45
THERMOMETER, Brooder, mounted, ea. .	.55
TESTERS, Practical Egg, each,	1.25
" X Ray Egg, each, . . . . .	.25
" Pedigree Egg, No. 0, each,	1.25
" No. 1,	1.50
TRAYS, Pedigree Egg, No. 2, per pair, .	4.00
" No. 3, " " " " " "	4.75
TOBACCO STEMS, 10 lb., . . . . .	.25
" 50 " " " " " "	1.00
" 100 " " " " " "	2.00
TRAP NESTS, each,	1.60
WIRE POULTRY NETTING (see Fencing.)	
POULTRY FOOD	
Pratt's, per pkg., 25c. and .50	
Lee's Egg Maker, per pkg., 25c. and 2.00	
" Prolife, per pkg., 25c. and .90	

BIRD SEED AND SUPPLIES.

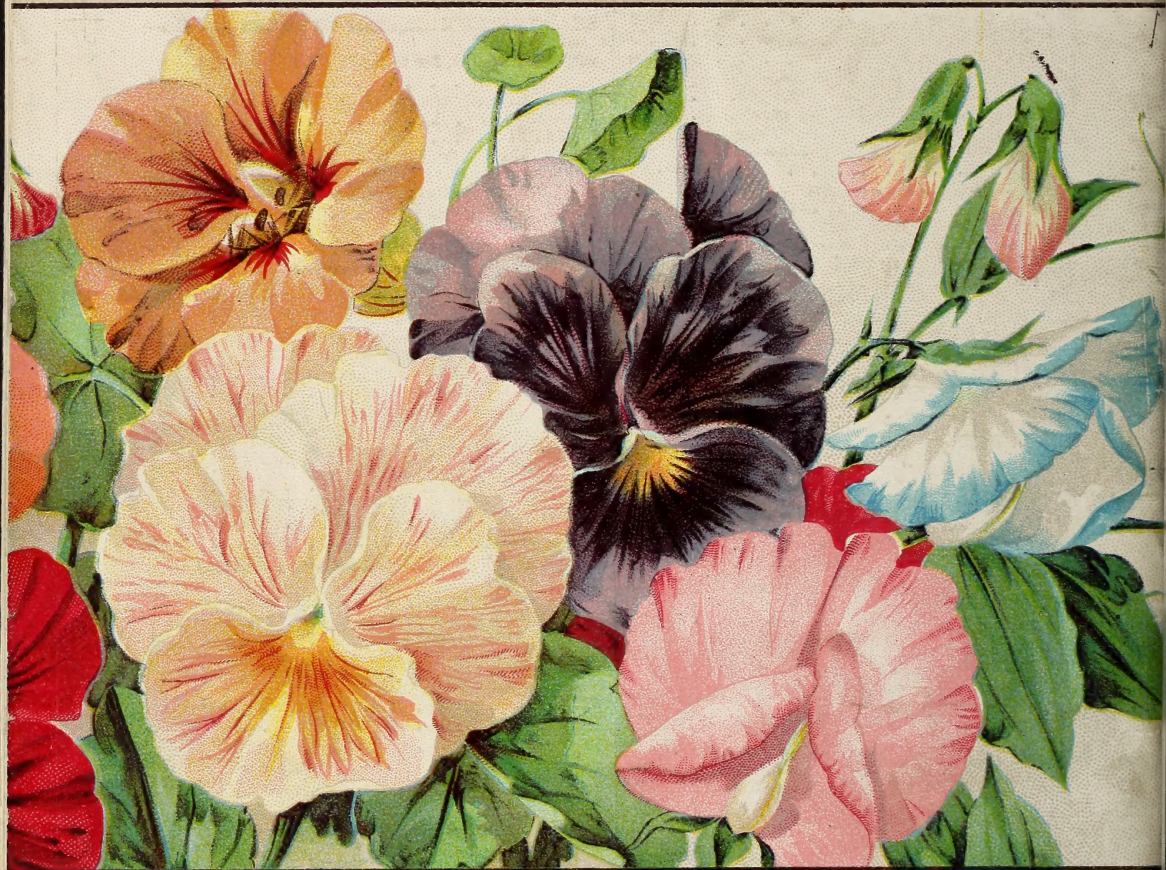
CANARY, 10c. per lb., . . . 3 for	.25
HEMP, 10c. " " " 3 " "	.25
RAPE, 10c. " " " 3 " "	.25
MILLET, 10c. " " " 3 " "	.25
MAW, 20c. " " " 3 " "	.50
UNHUED RICE, 10c. " " " 3 " "	.25
SUNFLOWER SEED, 10c. " " " 3 " "	.25
SHEPARD SONG RESTORER, per bottle, .	.25
MARSHALL'S " " " " " "	.25
MOCKING BIRD, per bottle, . . . . .	.30
BIRD GRAVEL, 10c. pk., 3 for	.25
CUTTLE BONE, per oz., . . . . .	.05
PEPPER SEED, per oz., . . . . .	.10
LETTUCE SEED, per oz., . . . . .	.05

PIGEON AND DOVE SUPPLIES.

CANADA PEAS, per bu.,	2.00
CHOICE WHEAT, per bu.,	1.75
YELLOW CORN, small kernels, per bu., .	1.25
KAFFIR CORN, per bu.,	1.75
MILLET, per bu.,	1.50
HEMP, per lb., . . . . .	.08
FOUST'S HEALTH GRIT, per lb., 3c.; per	
100,	2.09
DOG BISCUIT, 1 lb., 10c.; 3 lbs., 25c	

F. H. EBELING

SEEDS, GARDEN AND FARM SUPPLIES



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